



DEEP DEY

WEB & AI ENTHUSIAST / LEARNER

Profile

My name is Deep Dey. I am a higher secondary student and a JEE 2027 aspirant with a strong interest in technology and problem-solving. Alongside my academic journey, I actively explore web development, AI tools, and digital creativity.

I believe in learning by building and continuously improving my skills step by step. I am also passionate about photography and photo editing, which helps me develop a creative and detail-oriented mindset.

For more details about my work, you can explore my project Quicklink.

Education History

↪ Madhyamik Journey ~ 2012 - 2025

New Shishu Bihar H.s School

↪ Higher Secondary Education (Science) — 2025–2027

Golden Valley H.S. School

Languages

- English
- Hindi
- Bengali

Contact Info

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✉ a@qlynk.me

🌐 <https://qlynk.vercel.app/>

Skills

- Web Dev
- Photography
- AI Prompting
- Photo Editing
- Video Editing
- Tech Product Manager

Projects & Practical Work

↪ Quicklink — URL Shortening Platform (2025–Present)

- Developed a URL shortening platform with multiple tools and utilities
- Focused on usability, performance, and clean design
- Learned concepts related to web structure, optimization, and AI-assisted development
- Continuously improving the platform through experimentation and feedback

↪ SEO & Web Presence Optimization

- Optimized the Quicklink website for better visibility
- Improved my personal web presence through structured content
- Learned the fundamentals of search optimization and indexing

Projects & Links

Quicklink wiki ~ Deep Dey

<https://qlynk.vercel.app/wiki>

Github Profile

<https://github.com/deepdeyitgn>

Instagram/@deepdey.official

<https://instagram.com/deepdey.official>

Uptodown Store Dev Profile

<https://en.uptodown.com/developer/deep-dey>



Deep Dey

WELCOME TO MY WORLD

About Me

I'm Deep Dey, a higher secondary science student and a JEE 2027 aspirant with a strong interest in technology and problem-solving. Alongside my academic journey, I actively explore web development, AI tools, and digital creativity as a way to learn by building.

I believe in consistent effort, long-term thinking, and improving step by step rather than chasing shortcuts. I enjoy experimenting with ideas, understanding how systems work, and turning concepts into real projects.

Beyond academics, I have a keen interest in photography and photo editing, which helps me develop a creative and detail-oriented mindset. My goal is to grow as a disciplined learner and builder, combining strong fundamentals with practical experience.

Vision & Direction

My long-term goal is to build strong fundamentals in science and technology while preparing for JEE 2027. I aim to grow through disciplined learning, consistent effort, and hands-on experimentation rather than shortcuts.

I am interested in understanding how technology, problem-solving, and creativity intersect, and I want to continue building projects that reflect real learning and progress. My focus is not quick success, but steady improvement and clarity of direction.

Hobbies

Study

Self-Talk

Travel

Projects & Practical Work

Real-world projects built while learning web development, automation, and SEO fundamentals.

Project Name

QuickLink — Fast & Secure URL Shortener Platform

Live Url: <https://qlynk.vercel.app/>

Personal Project | Web Development | SEO & Automation

Description:

QuickLink is an all-in-one web platform designed to simplify link sharing through URL shortening, QR code generation, and productivity tools. The project focuses on performance, clean UI, security, and SEO visibility. It is built completely as a learning-driven real-world application and is continuously improved.

Key Features:

- Custom URL shortening with alias support
- QR Code Generator & QR Scanner (browser-based)
- Pomodoro Focus tool for productivity
- File hosting with short links
- Clean, modern UI with dark-theme focus
- SEO-optimized pages (indexed on Google)

What I Learned:

- Frontend UI/UX structuring
 - SEO fundamentals (search visibility, indexing)
 - Deployment & performance optimization
 - Real-world problem solving through iteration
-

Project Name

StudyBot — Focus & Productivity Discord Bot

Live Url: <https://studybots.vercel.app/>

Personal Project | Automation | Study Tools

Description:

StudyBot is a modular Discord bot built to help students stay focused and consistent. It provides study utilities, reminders, streak tracking, and interactive commands to support disciplined study habits in online communities.

Key Features:

- Study reminders & timers
- Streak tracking and progress reports
- AI-assisted study support (concept help & suggestions)
- Hybrid commands (slash + prefix)
- Activity tracking & focus utilities

What I Learned:

- Bot logic & modular feature design
- User-focused feature planning
- Reliability and uptime handling
- Automation for productivity systems

Projects & Practical Work

Real-world projects built while learning web development, automation, and SEO fundamentals.

Project Name

Transparent Clock - Clock Overlays

Live Url: <https://qlynk-clock.vercel.app/>

Windows Productivity | Utility & Overlay App | 2026 - Present

Description:

A privacy-first, completely offline Windows desktop application designed for students, content creators, and professionals. It provides a highly customizable transparent clock overlay that stays on top of other windows, bundled with powerful productivity tools to track and manage focus sessions effectively.

Key Features:

- Fully Customizable Overlay: Adjustable size, text color, border color, font styles, and an on/off toggle that seamlessly floats on your screen.
- Built-in Productivity Suite: Features a dedicated Pomodoro timer (customizable work/short break/long break intervals) and an integrated To-Do list.
- Deep Analytics & Tracking: Generates 24-hour heatmaps and up to 1-year historical graphs to visualize daily focus time and task completion.
- 100% Offline & Privacy-Focused: All data is stored locally in JSON format on your PC. No server tracking, zero telemetry, and completely free to use.
- Professional Distribution: Packaged with a proper Windows installer and officially available to download on the Uptodown store.

What I Learned:

- Architected a complex C# desktop application and managed local data structures (JSON) without relying on cloud databases.
- Mastered Windows UI/UX design concepts, specifically creating transparent, non-intrusive, and always-on-top overlays.
- Gained hands-on experience in software distribution, building professional MSI installers, and publishing apps to third-party stores.
- Deepened my understanding of AI-assisted system design, using advanced prompting to build a full-fledged local application with zero prior traditional coding knowledge.

Tech Stack:

- C# / Windows Desktop Environment
- Local JSON Storage Architecture
- Inno Setup / MSI Installer

Links & License:

- Official Website: <https://qlynk-clock.vercel.app/>
- Source Code: <https://github.com/deepdeyitgn/Clock-Overlays/>

Projects & Practical Work

Real-world projects built while learning web development, automation, and SEO fundamentals.

Project Name

QLYNK Nobe Server - Static File Hoster

Live Url: <https://deydeep-deqlynk.hf.space/>

Description:

Custom CDN | Cloud Storage Architecture | 2026 - Present

Qlynk Node Master is an enterprise-grade, highly secure private cloud storage and streaming datacenter. Engineered to run entirely on Hugging Face Spaces (Free Tier), it acts as a self-sustaining media vault with an integrated Telegram ingestion bot, dynamic anti-hacker defenses, and a cinematic web player.

Key Features:

- **Omniscient Telegram Engine:** Upload directly via Telegram. Features an asynchronous queue system (asyncio.Lock) to prevent server crashes, automatic MKV to MP4 optimization via FFmpeg, and native thumbnail extraction.
- **Anti-Hacker Tarpit (Honeypot):** Brute-force protection that feeds fake garbage bytes to unauthorized scrapers/bots while giving them a 200 OK status, effectively wasting their time and bandwidth.
- **Cinematic Media Tube:** A beautiful, responsive web player with custom visualizers, auto-subtitle conversion (SRT to VTT), Playback Speed controls, Picture-in-Picture (PiP), and Spacebar shortcuts.
- **Cryptographic Token Vault:** Original Hugging Face repository paths are permanently hidden. The system generates secure, time-bound access tokens (Basic, Pro, Ultra) with cryptographic signatures. These tokens have a "Rolling Expiry" (e.g., 4 hours) and strict anti-IDM (Internet Download Manager) headers to completely block piracy and direct downloading.
- **Moving Target Defense (Dynamic Slug Rotator):** A background cron-job autonomously triggers every 6 to 24 hours to entirely wipe and regenerate new 32-character Hex URLs for all files in the database. This makes link-scraping mathematically impossible while safely preserving all internal subtitle and thumbnail linkages.

What I Learned:

- Designed and executed an unconventional backend architecture, successfully bridging web uploads with Fast API for zero-cost cloud storage.
- Gained hands-on experience in containerization (Docker) and deploying multi-component services (Frontend, Backend, Bot) to cloud environments.
- Enhanced my system-level thinking by using AI-assisted advanced prompting to architect a complete CDN from scratch.
- Deepened my understanding of file handling, static asset delivery, and building lightweight API endpoints.

Tech Stack:

- Backend: Python, Discord API
- Frontend: HTML, CSS, Vanilla JS
- DevOps & Deployment: Docker, Hugging Face Spaces

Links & License:

- Live Platform: <https://deydeep-deqlynk.hf.space/>
- Source Code: <https://github.com/deepdeyitgn/static-files>

PROJECT STATUS: ACTIVE DEVELOPMENT PAUSED (EFFECTIVE APRIL 9, 2026)

As of 09.04.2026 (1:20-22 PM IST), all active updates, feature additions, and bug fixes for Qlynk Node Master have been officially stopped. > I am currently in the 12th grade, and I am pausing all my software development projects to dedicate 100% of my focus to my upcoming Annual Exams and my preparation for the JEE Advanced. The goal is IIT Kharagpur CSE. The codebase provided here is stable and enterprise-ready. Thank you to everyone who supported this architecture!

Projects & Practical Work

Real-world projects built while learning web development, automation, and SEO fundamentals.

Project Name

Personal Brand SEO Optimization

Description:

I actively manage and optimize my digital presence so that searching my name (e.g., Deep Dey, Deep Dey Official, JEE / IIT related searches) shows my projects, profiles, and work clearly on Google.

Work Includes:

- Search visibility optimization
- Structured profile linking
- Clean naming & branding consistency
- Indexing-friendly content layout

Outcome:

- My projects and profiles appear in Google search results
- Improved understanding of SEO basics and digital identity

SKILLS USED

- Web Development (Frontend)
- SEO Basics & Search Visibility
- UI/UX Design (Dark-theme focused layouts)
- Automation & Productivity Tools
- Problem Solving & Self-Learning

Connect with Me on Instagram!

Explore all of my Instagram profiles! Be sure to follow me there!

Main Profile

<https://www.instagram.com/deepdey.official/>

Photography Profile

<https://www.instagram.com/captivatedeep/>

Social Updates Profile

<https://www.instagram.com/justdeepdey/>

THESE PROJECTS REFLECT MY LEARNING JOURNEY, CURIOSITY, AND ABILITY TO APPLY CONCEPTS PRACTICALLY WHILE PREPARING FOR HIGHER ACADEMIC GOALS.

SKILLS, TOOLS & AI-ASSISTED DEVELOPMENT

Skills developed through AI-assisted building, structured prompting, and real-world experimentation.

CORE STRENGTH

AI-Assisted Problem Solving

- Ability to clearly explain ideas, logic, and workflows to AI tools
- Translating imagination into structured prompts
- Iterative prompting to refine output instead of one-shot commands
- Debugging and improving AI-generated code logically

AI TOOLS & WORKFLOW

AI Tools Used

- ChatGPT (planning, logic building, debugging, documentation)
- GitHub Copilot (code completion & assistance)
- Google Gemini (alternative logic & experimentation)

How I Work with AI

- I design the idea, flow, and features
- I explain the system logic step-by-step to AI
- AI generates code based on my instructions
- I test, break, fix, and iterate until it works

TECHNOLOGIES USED

Programming & Languages (AI-assisted)

- Python (used in Discord bot development)
- TypeScript (used in SPA website development)

Web & Platform Concepts

- Single Page Applications (SPA)
- Backend logic & basic security concepts
- API usage & request/response understanding

Note: Code is AI-generated, but logic, structure, and decisions are mine.

DIGITAL & SEO SKILLS

- Basic on-page SEO understanding
- Google search visibility & indexing awareness
- Digital identity & link ecosystem building
- Search-optimized personal branding

PROJECT-BASED SKILLS

System Thinking

- Breaking large ideas into smaller features
- Designing user flows and tool structure
- Understanding how different components connect

Testing & Optimization

- Identifying bugs through usage
- Improving performance and stability
- Iterative improvement instead of shortcuts

PRODUCTIVITY & SELF-MANAGEMENT

- Independent learning
- Long-term consistency
- Focused deep work sessions
- Balancing academics with project building

HONEST SKILL STATEMENT

I do not claim to be a traditional programmer. My strength lies in prompt engineering, system thinking, and using AI as a development partner to turn ideas into working products.

DEEP DEY

JEE ASPIRANT | AI-ASSISTED BUILDER | FUTURE IITIAN

ABOUT ME

I am a disciplined JEE aspirant who builds real projects using AI as a development partner.

My strength lies in system thinking, clear prompting, and long-term consistency.

My ultimate goal is to study at IIT and build meaningful technology for society.

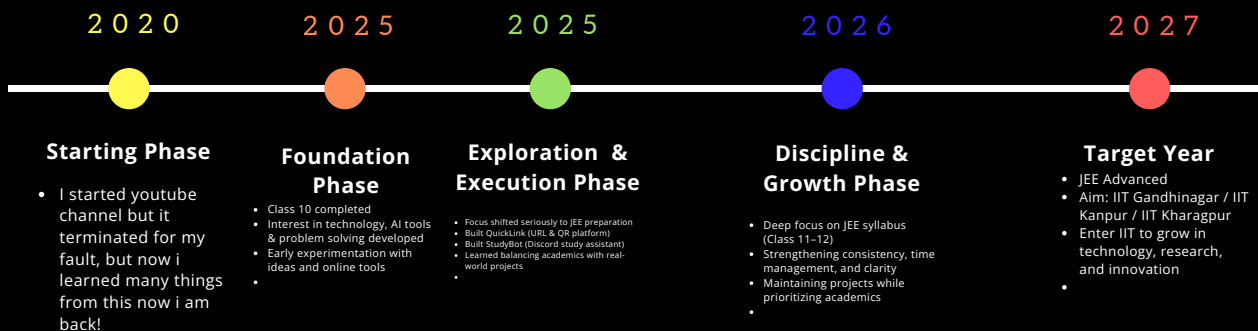
Location: Tripura, India

Email: thedeeparise@gmail.com

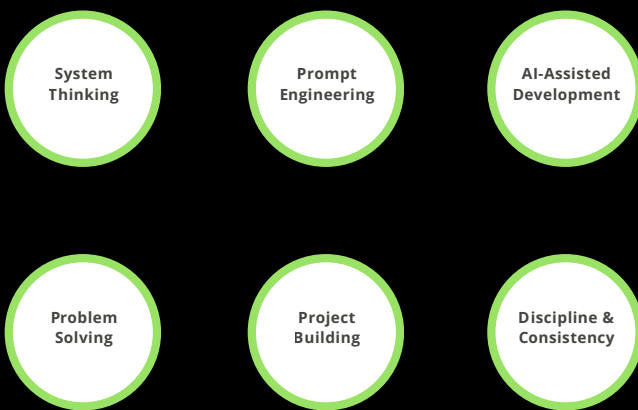
Projects:

- glynk.vercel.app
- studybots.vercel.app

MY TIMELINE



SKILLS



INTERESTS

- Technology & Innovation
- Artificial Intelligence
- Problem Solving
- Learning & Self-Growth
- Building Useful Tools
- IIT Campus Life & Research

DREAMS / GOALS

TO EARN MY PLACE AT IIT THROUGH DISCIPLINE AND EFFORT, AND USE TECHNOLOGY TO CREATE TOOLS THAT GENUINELY HELP PEOPLE.

THANK YOU

Thank you for taking the time to go through my portfolio.

This journey reflects not just my projects, but my discipline, curiosity, and long-term vision.

Every step shown here represents consistent effort, learning through failure, and the courage to build—even without perfect resources. I strongly believe that growth comes from persistence, clarity, and honesty toward one's goals.

ACKNOWLEDGEMENT

I would like to sincerely acknowledge and thank:

- My parents and family, for their constant support, patience, and belief in me.
- My teachers and mentors, for guidance, motivation, and shaping my academic foundation.
- AI tools and platforms (such as ChatGPT, Gemini, and GitHub Copilot), which I used as learning and development partners to turn ideas into working systems.
- Online learning communities, which helped me grow through shared knowledge and inspiration.

Most importantly, I acknowledge my own commitment—to stay disciplined, to learn deeply, and to work honestly toward my goal of entering IIT and contributing meaningfully to technology and society.

LOOKING AHEAD

This portfolio is not the end—it is a milestone.

The real journey continues with dedication, hard work, and responsibility.

Last Updated: 18/04/2026 || 07:30PM

Deep Dey.
— **Deep Dey**

JEE Aspirant | Future IITian