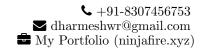
DHARMESH

Final Year Undergraduate Electronics and Communication Engineering Indian Institute of Information Technology, Kota



Year	Degree/Certificate	Institute	CGPA/%
2025	B.Tech	Indian Institute of Information Technology, Kota	7.1/10.0
2021	CBSE(XII)	Yaduvanshi Shiksha Niketan, Narnaul	95.6%
2019	CBSE(X)	Yaduvanshi Shiksha Niketan, Narnaul	84.5%

EXPERIENCE

YogLabs AI Research Foundation

(Feb'25 - Present)

Software Developer Intern.

- Worked on an AI project at Yoglabs AI to help students track academic and skill progress. Conducted **surveys** in the initial months to validate the product's need.
- Designed a microservice architecture for the application. Developed the web interface using React.js for user interaction.
- Built and deployed authentication and 2student services using Python, hosted on AWS Lambda.
- Implemented an extraction service hosted on an AWS EC2 instance.

KEY PROJECTS

Revord 🗘 🗞
ElectronJS, ReactJS, TypeScript, Framer Motion, NodeJS, TailwindCSS

(Aug'24 - Present)

- Developed a powerful cross-platform **ElectronJS desktop application** designed for creators and educators.
- Enables users to produce **engaging tutorials and demos** by automatically generating zoom and pan effects based on mouse interactions.
- Supports real-time on-screen annotations using tools like pen and arrow for interactive presentations.
- Includes a built-in **Screenshot Editor** with crop and pixelate functionalities for instant visual editing.
- Offers seamless performance across Windows, Linux, and macOS.

GitHub Heatmap Designer 🗘 🗞

(Jun'24 - Jul'24)

Next.js, React, TypeScript, NodeJS, TailwindCSS

- Built a fun and creative tool that lets developers **personalize their GitHub contribution graphs** with messages, patterns, and pixel art.
- Allows users to design, visualize, and edit their contribution heatmaps with an intuitive interface.
- Automatically generates **repositories and timed commits** to apply designs directly to a user's GitHub profile.
- Built with Next.js for a seamless interactive experience and smooth performance.

Promanage **?** % (*Mar'24 - Aug'24*)

React JS, ReactFlow, Framer Motion, Express JS, Socket.io, NodeMailer, AWS(S3), Mongoose.

- Built a Role-based access control (RBAC) application using ReactJS for the frontend and ExpressJS for the backend.
- Implemented **Team management features** where someone can create a team and add/remove people, and all of them can work together on a project while getting email notification on task deadline and assignment.
- The projects can be organized using tools like a **Kanban board**, a **File sharing system** or a **Node-based workflow editor** to visualize the workflow.
- The tasks that are assigned to you through the team leader will be shown in your **Personalized kanban board**.
- The Workflow editor is built using React flow, and Synchronized with all the online users using Socket.io.
- The file sharing system is backed up by AWS (S3) where all the object files, like PDFs, images are stored.

SKILLS

- Languages: C/C++, Javascript, Typescript, SQL
- Frameworks and Libraries: React JS, Next JS, Node JS, Express JS, Tailwind CSS, Socket.io, Jotai
- Utilities: Git, AWS(S3, ECR, Lambda, API Gateway, App Runner), Docker, LaTeX, Zsh, Linux, Neovim

Achievements

- Secured a position within the top 10 in a CSS battle competition hosted on cssbattle.dev.
- Led 2 workshops on Introduction to bash and Introduction to git for 56 freshman students.
- Contributed to the **open source** project **next-saas-stripe-starter** by refactoring and simplifying the **react hooks** to improve code readability. •
- Built a Language translator with speech synthesis in 24 hours during HackTheChain Hackathon at IIIT Kota in 3rd semester.