

HARSH KESHARI

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EDUCATION

Bachelor of Technology in CSE(AI)

Abdul Kalam Technical University (2021-2025)

EXPERIENCE

Fullstack Engineer Intern at [Experiment Labs](#)

Nov 2024 - Present

- Build new products and resolve issues in existing products as a full-stack developer using the **MERN** stack.
- Backend APIs integrated with **MongoDB** and **Prisma** for efficient data management.
- Deploy applications using **AWS** and **Firebase** for cloud services and hosting.

Backend Developer at [Xipper](#)

Sept 2024 - Nov 2024

- **Node.js** and **Express.js** for API design, and implementing solutions for technical challenges.
- Work with frontend developers using **React.js** for seamless user experience.

Member at [Oppia Foundation](#)

Nov-2023 - April 2024

- Led the **LaCE quality team** (Responsible for all user-facing features) and worked on a Python/Angular project.
- Addressed several **feature requests/bugs**, contributed to **e2e test and acceptance test**.
- More than **10** Accepted **PRs**.

PROJECTS

Nexus (MERN, Chakra-UI, Tailwind CSS)

[GitHub](#)/ [WebSite](#)

- Developed a **live web portal** to facilitate real-time coding contest participation and monitoring for **300+ students** at the college level.
- Implemented a **user-friendly student portal** for contest enrollment and standings viewing on **CodeChef**.
- Established a secure **admin portal** for profile management, efficient data scraping, and result generation.
- Utilizing **web scraping** techniques to extract real-time user data from **CodeChef**.
- Implemented **user authentication** and **authorization** using **Passport.js** and **JSON Web Tokens (JWT)**.

Drive React (React, Firebase, Material UI, Styled Components)

[GitHub](#)/[WebSite](#)

- Implemented **user registration** using **Firebase Auth** for secure authentication.
- **Firebase Cloud Firestore** and **Firebase Storage** to manage file and folder creation, ensuring seamless user interactions with uploaded content.
- Designed intuitive **folder navigation** with breadcrumb tracking, enhancing user experience.
- **React Hooks** for state management and component logic, and **Context API** for efficient global state management.
- Applied **Material UI** and **Styled Components** for a clean and modern design.

Job Application App (React Native, Expo CLI)

[GitHub](#)

- Mobile application used to browse job listings and apply for jobs using data retrieved from a free job API.
- Implemented features such as **user authentication**, **browsing job listings**, **applying for jobs**, **viewing job details**, and **saving favourite jobs**.
- Utilized **React Native** for cross-platform mobile development.

SKILLS

Programming Languages:

C, C++, JavaScript/TypeScript, Go, SQL

Libraries/Frameworks:

React.js, Next.js, Angular.js, Tailwind.css, Node.js, Express.js

Databases:

MongoDB, PostgreSQL, MySQL, Redis

Tools/Technologies

Git, VS Code, Linux, Postman