KSHITIJ SINGH

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Education

Delhi Technological University (DTU), India — B.Tech in Mechanical Engineering   **2020 - 2024**
- CGPA: **8/10**

Sanjeevani Public School (CBSE, India) — Class XII   **2019 - 2020**
- Aggregate: **75.68%**

Skills Summary

- **Language:** Java, JavaScript, Typescript
- **Frameworks & Libraries:** React.js, Redux Toolkit, Node.js, MongoDB, Next.js, Express.js, Material-UI, Tailwind CSS
- **Tools & Platforms:** Git, GitHub, Vite, ESBuild, Clerk, Convex, Vercel, Netlify, AWS

Work Experience

Datacove.AI - Software Development Intern   **Remote – Jan 2024 – Present**
- Contributed to building a **Generative AI-based workflow platform** that solves real-world problems like **legal document analysis**, **ATS scoring**, and **business benchmarking**.
- Implemented scalable and reusable **React components** and integrated **Redux Toolkit** for global state management, improving UI responsiveness and code maintainability.
- Developed and maintained backend services using **Node.js**, **MongoDB**, and **RESTful APIs**, ensuring optimized data flow and reduced response time by 40%.
- Collaborated closely with cross-functional teams using **Javascript**, **Tailwind CSS**, and **GitHub**, ensuring consistent code quality and agile delivery.

Frick India Limited — Software Developer Intern   **Jun'23 - Aug'23**
- Spearheaded front-end development and UI/UX enhancements using **React.js**, **JavaScript**, and **CSS**, leading to **70% project milestone completion** within the internship period.
- Developed and integrated multiple modules using the **MERN Stack** (**MongoDB, Express.js, React.js, Node.js**), improving platform functionality by **60%**.
- Improved overall **code documentation and issue tracking**, resulting in an **85% boost** in bug resolution speed and better collaboration across teams.

Projects

Datacove — Generative AI workflows Platform (Demo)
Tech Stack: React.js, Node.js, MongoDB, REST API, Java, JavaScript, TailwindCSS
Developed a **generative AI-powered workflow platform** enabling automation for industrial use cases such as **legal document analysis**, **ATS score evaluation**, **candidate shortlisting** and many more. Implemented modular **React components** and integrated a scalable backend using **Java** and **Node.js**, with secure data handling via **MongoDB**.

Project-Management Platform (Demo)
Tech Stack: TypeScript, Next.js, Tailwind CSS, Material UI, AWS EC2, AWS Amplify, AWS Cognito, Prisma
Designed a **project and task management system** for team collaboration. Integrated **AWS Cognito** for real-time user authentication and **Prisma** for database interaction. Deployed using **AWS Amplify** and **EC2**, with an intuitive UI built using **Material UI** and **Tailwind CSS**.

StreetWorldz — Donation Campaign Platform (Demo)
Tech Stack: React.js, Node.js, MongoDB, REST API, Java, Razorpay, JavaScript, TailwindCSS
Engineered a full-stack **donation campaign platform** with a **role-based admin panel** for campaign and content management. Integrated **Razorpay API** for secure transaction workflows. Backend logic handled with **Java and Node.js**, with dynamic data storage in **MongoDB**.

Certification and Academic Achievements

- **Data Structure | University of California San Diego**
- **Oops in Java | University of California San Diego**
- **DataBase Management Essentials | University of Colorado**
- **Top 2** in 500 teams in **Error By Night hackathon' 21** for a COVID open source portal.
- **Top 10** in 400 teams in **Vihaan' 22** for a Blockchain-based smart contract project.