

Naman Raj

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EDUCATION

Dayananda Sagar College of Engineering <i>Bachelor of Engineering – Information Science and Engineering</i>	Bengaluru, India 2023 – 2027
The Chandrasheel School <i>12th Standard</i>	Bihar, India 2020 – 2022

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Go
Frontend Development: React, Next.js, Tailwind CSS, Bootstrap, Redux
Backend Development: Node.js, Express.js, FastAPI
ORM & Database Tools: MongoDB, Firebase, PostgreSQL, MySQL
DevOps & CI/CD Tools: Docker, GitHub Actions

PROJECTS

- Get Me a Chai** | *Crowdfunding Platform, Next.js, MongoDB, Razorpay, NextAuth.js* [GitHub](#)
- Designed and developed a **crowdfunding platform** inspired by "Buy Me a Coffee" to help creators receive direct contributions from their community.
 - Implemented **user authentication** using GitHub via NextAuth.js and integrated **payment processing** with Razorpay for secure transactions.
 - Utilized **MongoDB Atlas** for database management and ensured scalability for handling user profiles and contributions.
 - Deployed the application on **Vercel**, ensuring high availability and seamless performance for users.
 - Live Demo:** get-me-a-chai-theta.vercel.app
- Resume Review** | *Next.js, TypeScript, FastAPI, SpaCy, Sentence-BERT, Formidable* [GitHub](#)
- Built a tool to automate **resume shortlisting** by calculating similarity scores between resumes and job descriptions using **semantic analysis**.
 - Developed the **frontend** using **Next.js** and **TypeScript**, integrating ShadCN for UI components to enhance user experience.
 - Implemented **backend services** with **FastAPI**, leveraging **SpaCy NLP** for parsing job descriptions and **Sentence-BERT** for semantic similarity comparisons.
 - Used **Formidable** to parse and process uploaded resumes into structured JSON, enabling precise skill and experience matching.
 - Facilitated seamless interaction between frontend and backend through **Next.js API routes**, ensuring a fast and efficient user experience.
- KisanSetu** | *Blockchain, Solidity, Gemini API, Firebase* [GitHub](#)
- Integrated a **multi-lingual AI chatbot** using Gemini API keys to provide real-time assistance in users' preferred languages.
 - Developed **Ethereum-based smart contracts** with Solidity and tested locally using Truffle and Ganache.
 - Implemented **secure user authentication** and real-time data storage with Firebase.
 - Deployed smart contracts on **ZetaChain** for transparent and automated transactions.
- Password Manager** | *React, Node.js, Express, MongoDB, Docker, REST API* [GitHub](#)
- Developed a secure **password manager** with a responsive **React frontend** and a RESTful **Node.js/Express backend**, integrated with **MongoDB** for credential storage.
 - Containerized the application using **Docker**, ensuring seamless deployment and scalability.
 - Implemented secure communication between the frontend and backend with environment-based configurations.

VOLUNTARY EXPERIENCE

GENESIS, ISE, DSCE *Technical Member, Nov 2024 – Present*
Working on the Hackman (an open hackathon organized by the ISE department) website for Genesis, contributing to its development and improving its functionality.