Rahul Vijayvargiya

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Work Experience

SDE Intern | May 2024 – June 2024
Eigengram Technologies | *Remote*
- Enhanced cloud infrastructure by developing a file uploader on AWS S3 using EC2.
- Streamlined data management by converting and parsing extensive XML datasets to TSV format.
- Built a dynamic documentation site with **Next.js** and **Nextra** for internal use.
- Executed web scraping with **Python** and **BeautifulSoup**, efficiently extracting and organizing large-scale data.

Freelance Developer
HireQuotient | *Remote*
- Developed and successfully integrated 10 AI-powered tools for HireQuotient, including the NPS Calculator, AI Letter Generator, and AI Email Generator, ensuring robust performance in the production environment.

Projects

Vijaychai | Tea Shop Order Management Application | Project Link: 🐙
- Developed a full-featured order management application for a tea shop, enabling verified users to place orders and admins to manage them.
- Built a scalable web application using **Next.js** with **TypeScript**, managing data with **Prisma ORM** and **PostgreSQL** for efficient data handling.
- Designed a responsive and user-friendly UI with **Tailwind CSS** and **Shadcn UI**, optimized for mobile-first experience tailored to rural users.
- Streamlined the development and deployment process by setting up the project environment with **Docker**, and implemented an admin dashboard with comprehensive order tracking and management using **React Table**.

Realtime Web Chat Application | *SocketIO, MondoDB, ReactJs, TailwindCss, Redux, JWT, MERN*   🐙
- A complete realtime web chat application based on top of Socket.io, where multiple users chat to each other.
- Redux - Used redux as a store to store and display essential information on the browser itself.
- Status - A user can set his status to "Busy" or "Available", one can only chat with **AI** if other user is Busy.
- JWT Authentication - Complete authentication and session were handled using JSON web tokens.

Additional projects I have worked on: *My Portfolio Site,Thailand ID Verification App (a MERN based application), Future Stock Prediction Model, Detect and Estimate Human Yoga Postures, Data Analysis on EndoSulfan tragedy in Kerela.*

Education

The LNM Institute of Information Technology | Jaipur, Rajasthan
Bachelor of Technology in Computer Science | *November 2020 - June 2024*

Maa Bharti Sr. Sec. School | Kota, Rajasthan
12th | RBSE | Percentage: 85.60/100 | *June 2019 - April 2020*

Technical Skills

Tech Skills: Programming, Data Structures, Algorithms, Fullstack Web Development, ML, Docker, CI/CD, AWS
Frameworks and Libraries: NextJs, ReactJs, NodeJs, Tailwind CSS, Shadcn UI
Database: MongoDB, PostgreSQL, Supabase
Languages: Python, JavaScript, SQL
Courses: Operating System, Object Oriented Programming, Database Management Systems, System Design
Other Skills: Framer, Figma, Problem Solver, No-Code Tools, Notion, Github, Ubuntu

Achievements

- Scored 96.37 Percentile in Joint entrance Exam (JEE) Mains resulting in 39,000 rank among 11,00,000+ applicants.
- Coordinator of Imagination, the photography and videography club of LNMIIT(2022-2023)