Rohil Varma

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WORK EXPERIENCE

Software Engineer 1 | *Deloitte India (Offices of the US)*   June 2024 - Present
- Leading the integration of Generative AI and LangChain into the tagging feature to improve execution and accuracy.
- Created a feedback mechanism that increased the accuracy of the tagging feature by 30%, significantly reducing false positives.
- Elevated stakeholder satisfaction by delivering regular updates and swiftly implementing 90% of feedback within two cycles.

Associate Software Engineer | *Deloitte India (Offices of the US)*   June 2022 - June 2024
- Developed a tagging feature in Python, crafting an API for seamless UI and Azure Data Factory integration. Reduced process time from 24-48 hours to just 5-10 minutes.
- Deployed an advanced caching mechanism that improved code execution speed by approximately 90%.
- Managed Azure DevOps boards, leading to a 20% increase in on-time project delivery and boosted adherence to schedules.
- Leveraged Docker with Azure Container Instances to roughly improve deployment efficiency by 40%.

Technology Intern | *Deloitte India (Offices of the US)*   Jan 2022 - April 2022
- Redesigned UI screens, streamlining navigation and improving visual appeal, with 100% user approval and noticeable reduction in navigation time.
- Collaborated with stakeholders through 3 feedback cycles, incorporating 85% of suggestions to ensure project alignment with user expectations.

SKILLS

Programming Languages: TypeScript, Python, Java, SQL, HTML, CSS, JavaScript
Framework & Libraries: Next.js, React, Angular, Drizzle, FastAPI
Cloud Platforms & Tools: Docker, Azure, Supabase, Git

EDUCATION

B.Tech (Electronics and Communications Engineering), *Vellore Institute of Technology Chennai*   **8.54 CGPA**, *May 2024*

XII (PCM) *Delhi Public School Indirapuram*   **94.6%**, *May 2018*

PROJECTS

Kanbanly (ONGOING) (*repo*)
- Developing a full-stack Kanban application with Next.js and TypeScript. Users can create boards and tasks, with data stored in a PostgreSQL database on Supabase and accessed via Drizzle. Planning to add authentication using Clerk.

Personal Portfolio (*repo, live*)
- Developed a modern portfolio with Next.js, TypeScript, and Tailwind CSS, leveraging Vercel Insights for performance tracking and user behavior analysis. Improvements based on insights resulted in a 20% reduction in bounce rate.

HTTP Server (*repo*)
- Designed a Python HTTP server to understand server operations, capable of handling multiple concurrent requests.

Wordle Clone (*repo, live*)
- Redesigned a Wordle clone with Next.js and TypeScript, using Static Side Generation to boost performance by approximately 30% and ensured real-time interactivity with efficient Zustand state management.

Frontend Mentor Challenge: REST Countries API (*repo, live*)
- Innovated a site with Next.js, TypeScript, and Zustand using the REST Countries API. Improved Time to Interactive (TTI) by 20% with Server-Side Rendering (SSR). Features include routing, loading states, light/dark mode and filtering.

LEADERSHIP AND CERTIFICATIONS

Certifications: AZ-900 (Microsoft Certified Azure Fundamentals)

Leadership Experience:
- **Cluster Lead:** Managed a group of more than 10 employees on a Audio Book Recording Project.
- **Team Leader:** Led the university dramatics team to cultural fests and bagged 5+ prizes.

Awards:
- **Spot Award** *Oct 2023, Feb 2023* **:** Commended for significant and impactful contributions to the product. Demonstrated strong python skills and effective implementation.