Varun Verma

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Summary

Passionate full-stack developer with hands-on experience in building scalable SaaS applications and backend systems. Known for strong problem solving skills, adaptability, and effective collaboration across teams. Continuously driven to learn and deliver impactful solutions in high-paced environments.

Skills

- **Languages:** Python, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** FastAPI, Next.js, React.js, Node.js, Express.js
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools & Technologies:** Git, GitHub, RabbitMQ, Kubernetes, Sentry, Postman, VS Code

Work Experience

Larsen & Toubro PES, Mumbai   Jun 2024 - Sept 2024
Project Intern

- Collaborated with **3+ departments** to build and deploy AI Server. Created **RESTful API** for processing and returning data
- Captured & rectified **20+ bugs** across internal websites and APIs, resulting in a **90% increase** in application reliability
- Saved **48+ hours** by assisting the senior management to upgrade to automated testing using Python-Playwright
- **Reduced exercise duration by 83%** by automating website functionality checks during disaster recovery exercises

Yenepoya University, Mangalore   Sept 2023 - Oct 2023
Research Intern

- Developed Python program to generate large-scale protein datasets for **medical machine learning research**.
- Collected **100,000+** data points, contributing to **25% of the total data acquired** with a turnaround time of 4 days

Project Work

Horizon – Online Banking Platform Live | Code   Jan 2025

- **Tools:** Next.js, Appwrite, Plaid, Dwolla, Shadcn, Sentry
- Financial SaaS platform to connect multiple bank accounts, track transactions in real-time, and transfer funds seamlessly
- Enabled seamless fund transfers using Dwolla, with features like detailed transaction history, filters, and pagination
- Delivered a fully responsive UI with modular code, intuitive dashboards, and smooth user experience across devices

StoreIT – Google Drive Clone Live | Code   Nov 2024

- **Tools:** Next.js 15, Appwrite, Shadcn UI, TailwindCSS, TypeScript
- Developed a secure cloud storage platform with file uploads, downloads, sharing, and file lifecycle management
- Integrated a dynamic dashboard with global search, advanced sorting, recently uploaded, and real-time storage insights
- Gained hands-on experience in BaaS integration, file permission handling, and real-time UI updates via latest Next.js

Care Pulse – Healthcare Appointment System Live | Code   Oct 2024

- **Tools:** Next.js, Appwrite, TypeScript, TailwindCSS, Shadcn, Twilio, Sentry
- Built a full-stack healthcare platform enabling patient registration, appointment booking, and real-time SMS
- Implemented admin-side controls for scheduling, cancellation, and management of appointments with secure file upload
- Ensured full responsiveness across devices, with integrated performance monitoring and error tracking using Sentry

Education

Vellore Institute of Technology, Chennai   Sept 2020 - May 2024
B.Tech. in Computer Science and Engineering   *CGPA: 8.70*

Google Cloud Computing Foundations Program Badges   May 2023 - June 2023
Additional Project Course   *Skill Badges: 16/16*

- Completed a comprehensive certificate course by Google, providing hands-on experience in **Google Cloud Computing**
- Demonstrated strong commitment and performance, graduating in the **Top 1%tile** among 200+ students
- Built a solid foundation in utilizing cloud services like Kubernetes, building secure networks and baseline Infrastructure

Achievements and Hobbies

- Volunteered as **lead coordinator** for ticket distribution at VIT's cultural event, conducted for **90,000** students
- **Led** school volleyball team to back-to-back victories over **two consecutive years**