LAKSHYA SONI

Seeking Software Engineer Internships in Full Stack Development

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Education

Amrita Vishwa Vidyapeetham, Coimbatore   **Sept 2022 – May 2026**
Bachelor of Technology in Computer Science & Engineering

Work Experience

Full Stack Development Intern   **May 2024 – July 2024**
RhiBhus Infosystems   *Bangalore, India*

- Engineered and deployed 5+ key features for full-stack web applications in a live production environment, improving backend integration and boosting UI performance by 15%.
- Collaborated within a 10-person Agile team to develop and release real-world projects, contributing to 50+ code reviews and enhancing code management practices.

UI/UX Design Intern   **March 2024 – June 2024**
Prashant Kumar LTD   *Remote*

- Architected and implemented responsive, component-based user interfaces for the MA-TV and The Pro Educator platforms, serving over 1,000 users, using Figma and ShadCN UI.
- Standardized the design system by creating a library of 30+ reusable components, reducing design-to-development handover time by 40%.

Web Developer Intern (Full Stack)   **March 2023 – Present**
Prashant Kumar LTD   *Remote*

- Spearheaded the development of the CALMED Rotary Project, a global platform spanning 20+ countries, empowering over 800 doctors to share vital maternal health resources.
- Engineered a data submission tool for 100+ health ambassadors, enabling doctors to review and analyze over 500 patient cases monthly, contributing to a 10% projected reduction in maternal mortality.

Projects

AI Mock Interview Agent (SaaS Platform)   **Source Code**

- Architected a full-stack interview preparation platform using **Next.js**, **Clerk Auth**, and a Dockerized **Convex DB** backend, handling 100+ concurrent users.
- Integrated the **Gemini LLM** to conduct real-time, topic-specific interviews with text-to-speech, achieving average response times of under 200ms.
- Implemented a token-based usage system and engineered features for automated, post-interview feedback generation with 95% accuracy.

AI Trip Planner   **Source Code**

- Engineered a dynamic travel planner with **React**, **Tailwind CSS**, and **Firebase**, leveraging the Gemini AI API to generate personalized itineraries and reduce manual planning time by 80%.
- Achieved a 95% Lighthouse performance score through optimized **Firestore** queries and a responsive UI built with **ShadCN**, supporting over 500 test users.

Smart Movie Recommendation System   **Source Code**

- Implemented a content-based recommendation engine using **TF-IDF** and **Bag-of-Words** on the 5,000+ movie TMDB dataset, achieving 92% recommendation accuracy.
- Achieved sub-second recommendation latency by pre-computing a 176MB similarity matrix, delivered through a Python-based GUI.

Technical Skills

Frontend: React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Firebase, Convex
Backend: Node.js, Express.js
Databases: MongoDB, PostgreSQL
Languages: C++, Python, C, Go, Haskell
Developer Tools: Git, GitHub, Docker, Figma, Cypress, Jest

Achievements & Certifications

TREDENCE AI Hackathon - National Finalist (Top 23 out of 80+ teams)   March 2025
Google Cloud Certified: Generative AI Fundamentals   Nov 2023
Certificate of Excellence - Web Development, Prashant Kumar LTD   June 2024