Sarang Kumar

Ranchi, India
+91 9973694884 | sarangkumar1578@gmail.com | LinkedIn | GitHub

Professional Summary

Software Engineer with 1.5+ years of experience building production applications and developer tools. Skilled in JavaScript, TypeScript, Python, SQL, REST APIs, cloud integrations, application design, performance optimization, and automated testing.

Experience

Komprise India Private Limited *Bangalore, India*
Software Engineer *Jul 2025 – [Month Year]*

- Resolved a production Google Cloud Storage filer-onboarding issue, helping protect customer contracts worth approximately $200K annually.
- Built an Alerts Center using React, Redux Toolkit, RTK Query, and TanStack Table, integrating REST APIs, global search, advanced filters, protected routes, and 12 months of historical data.
- Reduced frontend bundle size by approximately 120 KB by modernizing legacy modules, consolidating shared components, and removing deprecated dependencies.
- Expanded automated test coverage with Jest unit tests and Playwright integration and UI tests for critical application workflows.
- Integrated reusable UI components and shared form infrastructure across data-store and user-management workflows, improving consistency and maintainability.

Komprise India Private Limited *Bangalore, India*
Software Engineer Intern *Jan 2025 – Jun 2025*

- Built a Python and MySQL Slack Shift Manager for 12 support engineers, automating availability tracking and support-ticket coordination.
- Automated customer usage reporting for 450+ accounts, tracking resource consumption, license expirations, and overages.
- Contributed to data-store workflows, internal tools, and application fixes across frontend and systems codebases.

Projects

Aavedak – Job Search OS Project Link
Next.js, TypeScript, Web Scraping, Automation

- Built a job-search platform that aggregates 200+ listings from scheduled scrapers covering 165 company career sites, with coverage expanding.
- Implemented profile and resume-based job recommendations, multi-resume ATS scoring, referral tracking, email workflows, and reusable cover-letter and outreach templates.

Vinyaas – React Component Library Project Link
React, TypeScript, Tailwind CSS v4, npm, CLI

- Created a library of 56 UI primitive components with a component showcase and playground for rapid interface development.
- Published the component library and companion CLI to npm; developing a companion experience for AI-agent workflows.

Slack Shift Manager Project Link
Python, MySQL, Slack API

- Designed a database-backed availability workflow using Python OOP and MySQL, with Slack status reactions to communicate successful and failed operations.

Aatmatrisha & dotSlash 5.0 Platform Project Link
Next.js, MongoDB

- Led technical work for Aatmatrisha, a university techno-cultural fest supporting 5,000+ attendees.
- Built a hackathon platform for 140+ participants featuring QR-based ticketing and attendee verification for dotSlash 5.0.

Education

PES University *2021 – 2025*
B.Tech. in Computer Science and Engineering CGPA: 8.81/10

Technical Skills

Languages: C++, Java, Python, JavaScript, TypeScript, SQL
Frontend: React, Next.js, Redux Toolkit, RTK Query, TanStack Table, Tailwind CSS
Backend & Databases: Node.js, Express.js, REST APIs, MySQL, MongoDB
Cloud & Infrastructure: Google Cloud Platform (GCP), Google Cloud Storage (GCS), Docker, CI/CD
Testing & Engineering: Jest, Playwright, Unit Testing, Integration Testing, OOP, DSA, Application Design, Agile Development, Code Review
Tools: Git, GitHub, Postman, npm