Shashanka B S

shashankbs2410@gmail.com | +91-9461289813 | Linkedin

SUMMARY

Full Stack Developer with over 3 years of experience at Tiger Analytics and a graduate of IIT Kharagpur, specializing in building scalable, high-performance web applications using React, Node.js, Express.js, and Spring Boot. Proven track record of leading engineering teams, optimizing performance, and delivering enterprise-grade solutions.

EXPERIENCE

TIGER ANALYTICS
June 2022 - Current

Lead Engineer
Jan' 25 - Current

- Collaborated across the full development lifecycle—from data model design to deployment—using **CosmosDB** and **Azure DevOps**, delivering scalable web solutions that served over 10000 users and 750-800 concurrent users.
- Managed a team of 4 engineers, delivering hands-on technical guidance, enforcing code quality through rigorous reviews, and supporting full-cycle development.
- Leveraged **SonarQube** in **CI/CD** pipelines to uphold stringent code quality standards, resolve critical issues, bugs and maintain >80% test coverage, contributing to a cleaner, more secure codebase.

Senior Engineer
July' 23 - Jan' 25

- Integrated backend microservices with React-based front-end dashboards using **autopolling**, enhancing real-time data flow; optimized performance with **Redux** and **Axios**, reducing data refresh latency time by 50%.
- Developed scalable **microservices** with **GraphQL** endpoints using **Spring Boot**, delivering reliable backend functionality achieving 50% reduction in response time and ensuring high code quality through maintaining >90% test coverage.
- Built boilerplate applications featuring customizable themes and modular, reusable components to accelerate future development and ensure consistent UI/UX and API standards cutting initial development time by a month.
- integrated secure authentication workflows leveraging **Google OAuth2**, **Microsoft Authentication Library (MSAL)**, and **Okta** enabling seamless single sign-on (SSO) across platforms.

Application Engineer
June' 22 - June' 23

- Developed **responsive**, user-friendly web applications using **React** and **Typescript**, ensuring high performance and scalability by applying best practices such as **lazy loading** and **memoization**.
- Translated UI/UX design wireframes into clean, efficient, and reusable components using modern React paradigms (**Hooks**, **Redux**). Wrote comprehensive unit test cases using **Jest**, achieving >80% test coverage.
- Created comprehensive, developer-friendly documentation for APIs and UI logic, streamlining onboarding, code reviews, and cross-team alignment.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python, SQL
- **Frontend:** React, Redux Toolkit, MUI, Recharts, Apex charts
- **Backend:** Spring Boot, GraphQL, REST APIs, NodeJS, ExpressJS
- **DevOps & Tools:** Azure DevOps, Git, SonarQube, MSAL, Okta, Postman
- **Testing:** Jest, React Testing Library, Vitest, Junit

EDUCATION

Indian Institute of Technology (IIT), Kharagpur	*2022*
B.Arch (*Micro-specialization in Entrepreneurship and Innovation*)	CGPA: 8.19 / 10
Board Examination (CBSE) - Class XII	*2017*
LASEA, Jhalawar	Percentage: 89.8%
Board Examination (KSEEB) - Class X	*2015*
SRKVS, Mysore	Percentage: 97.76%

PROJECTS

Web Dev Projects

Developed and deployed multiple full-stack web applications—including a **portfolio website**, shopping app, URL shortener, and to-do app—using **React, ExpressJS** and **MongoDB** for scalable, responsive user experiences.

Opportunity Pipeline Forecasting

Developed a predictive classification model to assess conversion rates for a semiconductor firm using **Python**, **MySQL**, and **Scikit-learn**; visualized insights with **Seaborn**, **matplotlib** and Excel, streamlined data, executed preprocessing, prepared train-test splits.

CERTIFICATIONS

- Certified Analytics Associate, Tiger Analytics
Sep' 22