Anuvarshini C K

Software Engineer
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PROFESSIONAL SUMMARY

Software Engineer with **4+ years** of experience in building applications using **React.js, JavaScript (ES6+), Python, and Tailwind CSS**. Adept at transforming Figma designs into responsive, accessible interfaces while ensuring clean, maintainable code. Proven expertise in **state management (Redux, Redux-Saga), REST/GraphQL API integrations**, and performance optimization for seamless user experiences. Strong background in full-stack development, leveraging **AWS** serverless architectures (Lambda, API Gateway, DynamoDB) and **SQL** databases to support data-driven features. Experienced in **CI/CD** pipelines (Jenkins, Git) and test automation (**Selenium**) to streamline deployments. Combines technical depth with client-facing acumen—resolving complex frontend/backend issues, mentoring teams, and reducing onboarding time by **50%** through tailored solutions. Passionate about UI/UX best practices, cross-functional collaboration, and delivering robust applications in agile environments. **AI enthusiast** with hands-on experience building small AI-driven projects and proficient in leveraging tools like ChatGPT and GitHub Copilot to enhance productivity — while ensuring solutions are not solely dependent on them.

Authorized to work in the USA without visa sponsorship.

Technical Skills:
Languages: JavaScript (ES6+), HTML5, CSS3, C++, SQL.
Frontend: React.js, Redux, Redux-Saga, Typescript, Python, Tailwind CSS, Java, Next js, Bootstrap, React-Bootstrap, Formik, Yup, Material UI (MUI), Font Awesome.
Backend: Node.js, Express.js, AWS Lambda, API Gateway, RESTful APIs, GraphQL.
Databases & Storage: Amazon DynamoDB, Amazon S3; familiar with PostgreSQL, MongoDB.
Tools & Platforms: Jenkins, Postman, Git, Docker (working knowledge), Webpack, Babel, ESLint, Selenium, Jest.
Other: API Integrations, Client Onboarding, Technical Documentation, Quality Assurance.

PROFESSIONAL EXPERIENCE

Patton Labs Inc, (INDIA)

Software Engineer | February 2024 - September 2024 (project completed)

- **Developed a React.js web application** enabling employees to submit weekly performance targets, utilizing functional components, hooks (useState, useEffect), JSX, and React Router for navigation.
- Managed application state using **Redux and Redux-Saga** to handle side-effects and asynchronous operations.
- Implemented form management with **Formik and schema-based validation with Yup**.
- Integrated UI components using **React-Bootstrap, Bootstrap, Font Awesome, and Material-UI Tooltip** to enhance the user interface.
- Leveraged **AWS** services (Lambda, API Gateway, DynamoDB/S3) to build a scalable serverless backend for the application.
- Refactored UI components using conditional rendering and **CSS-in-JS patterns** to cut redundant code by **20%** and make styling more consistent and maintainable.
- Streamlined **Jenkins CI/CD pipelines** by adding automated build validation and regression tests.
- Used **Git** for collaborative development, managing feature branches, pull requests, and code reviews to ensure code quality.
- Wrote unit tests and integration tests with **Jest and React Testing Library** to ensure frontend reliability.

BOOSTMYSHOP, PY(INDIA)

Technical Support Engineer | December 2022 - January 2024

- Identified and **fixed React state mismanagement and inefficient Tailwind** usage that caused page lag, improving load time by **20%** and responsiveness.
- On interest and improving front-end skills, offered to build custom **React/Tailwind CSS** modules and extensions to automate client workflows.
- Recognized as the first employee **selected for relocation to Lyon, France headquarters** to collaborate closely with the local team.
- **Cross - collaboration with backend development teams** to diagnose and address server-side bugs and complex architectural problems, accelerating issue resolution while improving overall system stability and scalability.

- **Oversaw testing and deployment** of verified frontend and backend fixes, implementing detailed test plans to validate solutions and streamline release cycles.
- Delivered **tailored onboarding plans** for enterprise clients, halving the integration timeline (**from 3 months to 1.5**)
- Built and maintained **50+ technical support articles** in a centralized knowledge repository.
- Acted as the **direct support contact for enterprise clients**, ensuring rapid response for critical issues by decreasing response delay by **50%**.

ZOHO CORP. PVT. LTD., TN(INDIA)

Technical Support Engineer | October 2020 - September 2022

- Integrated Zoho Books **REST APIs** with customer applications to automate financial workflows, using **OAuth tokens** for secure access.
- Led troubleshooting and resolution of **RESTful API** integration issues using tools such as **Postman and Chrome DevTools**.
- **Diagnosed, debugged, and resolved complex client-side Java issues** in custom scripts and automations, improving system reliability and customer satisfaction.
- **Aided 5000+ enterprise clients** to troubleshoot complex issues, to identify problems and deliver timely, effective solutions.
- **Mentored juniors** and contributed to quality assurance processes by conducting code reviews and knowledge-sharing sessions, elevating the team expertise.
- **Delivered tailored product demos to stakeholders**, mapping Zoho Books features to their financial workflows and securing successful onboarding of **20+** enterprise accounts.
- Tested workflows in Zoho applications using **Selenium** WebDriver with **python**.
- Analyzed financial report discrepancies by writing **SQL queries** to extract and compare data from the database, identifying root causes such as missing entries, incorrect joins, and misapplied business rules.

EDUCATION

SRM Institute of Science and Technology, Chennai | 2016 – 2020

Bachelor of Technology in Electronics and Communication Engineering (ECE)

Avila Convent Matriculation Higher Secondary School, Coimbatore | 2015 – 2016

Higher Secondary Certificate

INTERNSHIPS & PROJECTS

Enterprise Resource Management – SRM MUN | 2019–2020

Strategized and executed budget and procurement plans for a large-scale MUN event of 500+ attendees.

Bull Machines Pvt Ltd, Coimbatore | 2018

Delivered competitive product analysis of IoT systems in heavy equipment.

Certifications

- Google Cloud Certification – ongoing
- Microsoft Certified : Azure - ongoing