Ranit Sen

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PROFESSIONAL SUMMARY

Results-driven **Full Stack Developer** with **2.10 years** of experience in IT(including 4 months internship), specializing in **React, React Native, Java, Spring Boot, Microservices Architecture, Python**. Proficient in designing, developing, testing, and optimizing applications based on **standards and best practices**. Strong understanding of **Agile** methodologies and contributed to almost all the phases of **Software Development Life Cycle (SDLC)**.

TECHNICAL SKILLS

Programming Languages: JavaScript(ES6), TypeScript, Java 8, Python3, SQL.

Frontend & UI: React, React Native, Redux, RTK Query, HTML/CSS.

Backend & Frameworks: Spring Boot, Spring Data JPA, PostgreSQL, Jenkins, CI/CD, Drupal.

Styling & Preprocessors: SCSS, Tailwind CSS, Stylus.

APIs & Protocols: Restful API, gRPC, OAuth2.

Testing: Jest, Enzyme, JUnit.

EXPERIENCE

Senior Software Engineer, Bounteous x Accolite   Jan 2023 – Present

Athena DX-360

- Engineered and implemented a dynamic **Drupal** content rendering component utilizing **Javascript and React** featuring interactive UI animations to improve user experience while optimizing performance by refactoring stylus, reducing bundle size by 10%.
- Standardized coding practices and QA processes, implemented comprehensive **Jest** test coverage, streamlining **error detection, and reducing production** defects by 30%.
- Optimized **Largest Contentful Paint (LCP)** by 15% through strategic image lazy loading, preloading assets, CSS optimization and implementing code splitting to improve page speed and Core Web Vitals performance.
- Configured and monitored **Jenkins CI/CD pipelines**, ensuring reliable build automation, deployed and coordinated release management, and quick hotfix deployments for production environment.

University of Phoenix

- Delivered cross-platform mobile applications for **iOS and Android using React Native and Typescript**, achieving a 20% increase in development efficiency by building reusable UI components and hooks and implementing a consistent design system throughout the project.
- Improved app performance by 15% through advanced code optimization and efficient state management using **Redux** and **RTK Query**, while successfully integrating APIs, including **responsys for push notifications**, to improve user functionality.
- **Integrated Adobe Analytics** into the website, allowing detailed tracking of user behavior, which increased feature engagement by 20% and optimized advertising and customer targeting strategies.

Estimez & Dashboard

- Worked on a comprehensive project **estimation tool using React, Javascript, Tailwind CSS and Java** that allowed users to create, update and delete project estimates for various practices such as Salesforce, Java, and Drupal, with resource planning, budgeting and deal desk analysis, improving the accuracy of project cost estimation by 20%.
- Implemented and integrated **RESTful APIs and third-party APIs**, transitioned the EstimEZ platform to a **microservice architecture using the gRPC framework** to improve flexibility, streamline communication between multiple servers and clients, and increase platform efficiency by 15%.
- Built and deployed **RESTful APIs using Python (FastAPI)** to connect the frontend with backend validation

pipelines, and developed a data validation UI, enabling automated data quality checks.

EDUCATION

SRM Institute of Science and Technology, B.TECH in Computer Science and Engineering   July 2019 – May 2023

- CGPA: 9.48/10.0

PROJECTS

Kamyab | Javascript, HTML, CSS, React.js   kamyab_web

- Designed a job search web application with gesture-based scrolling feature using hand tracking.
- Implemented smooth scrolling animations via GSAP, leveraging real-time gesture recognition with handsfree.js, enabled offline capabilities using service workers, and utilized firebase for user authentication.

PUBLICATIONS

Detection and Classification of Brain Tumor using CNN   Aug 2022

Gopinath Balaji, *Ranit Sen*, Harsh Kirty   arXiv:2208.13264v1