PPRANEETH REDDY KESARAPU

Marysville, WA 98270 | +1 8324498668 | praneethreddyk19@gmail.com | LinkedIn: praneethreddyk | Portfolio: praneethreddy

SUMMARY

An experienced and proactive engineer with over 5 years of expertise in leading the development of versatile cross-functional web applications. Skilled in independently conceiving, developing, and maintaining scalable server-side systems. Proficient in implementing robust security measures, optimizing performance, and effectively managing technical responsibilities. Acknowledged for excellent interpersonal and collaborative abilities, supported by a strong work ethic and dedication to achieving high standards of excellence.

SKILLS

- **Programming:** Java, TypeScript, JavaScript.
- **Frontend Technologies:** ReactJs, NextJs, React Native, Redux Saga, Redux Toolkit, HTML5, CSS3, Material UI, jQuery, React Router, Bootstrap, Axios, Webpack, Npm, Yarn.
- **Databases:** MySQL, MongoDB, AWS DynamoDB.
- **Backend Technologies:** Spring MVC, Spring Boot, Spring JPA, Apache Kafka, XML, JSON, Spring Hibernate, REST API, Kubernetes(K8s).
- **Testing Frameworks:** Jest, Mockito, React Testing Library, JUnit.
- **Cloud Services:** Amazon web services SQS, AWS Lambda, SNS Topic, EC2.
- **Version Control and Collaboration:** Git, Bitbucket, Jenkins, Confluence documentation, Jira, SharePoint.
- **Development Tools:** Visual Studio Code, Eclipse, Agile Software Development Life Cycle, IntelliJ IDE, Unix, Windows, CI/CD pipelines, Swagger, Splunk, Postman, Maven, Gradle, Figma, Git Workflows, Git Actions.

PROFESSIONAL EXPERIENCE

Arvest Bank, AR, USA   **August 2023 – present**

Frontend Web Developer (Mobile & Web)

Project: **Credit Analysis**

- Created and deployed multiple reusable and responsive UI components utilizing React.js and TypeScript.
- Facilitated daily standups and **Scrum** meetings to enhance communication, monitor progress on **user stories** and business requirements, and ensure project alignment for successful **sprints**.
- Developed custom styled components tailored to unique UI/UX business needs, utilizing Material UI and Tailwind CSS.
- Executed thorough unit testing plans utilizing **Jest**, **Mockito**, and **React Testing Library** to guarantee extensive code coverage in SonarQube.
- Implemented **Git workflow** actions to enhance the build process efficiency, automate **Docker** image creation, and streamline deployment pipelines for React applications.
- Actively engaged in code reviews, providing constructive feedback, and mentoring new team members through knowledge transition sessions, ensuring smooth onboarding experiences for new team members.
- Utilized **react-pdf** to dynamically generate user-specific documents, adapting to diverse device requirements to enhance user experience and ensure consistent accessibility across multiple platforms.
- Monitored work progress and ensured alignment with Agile methodologies throughout the software development lifecycle (SDLC) using Jira boards, fostering efficient application development and collaboration.
- Implemented **React Router** for dynamic routing, enabling code splitting and lazy loading to improve application performance and **user experience**, resulting in **faster load** times and enhanced **navigation** efficiency.
- Effectively handled asynchronous calls using Redux Saga and Redux Toolkit, proficiently managing state within single-page applications through the Redux store.
- Developed **custom React hooks** to manage complex **state** logic and improve code **reusability**, resulting in cleaner, more maintainable code and enhanced application performance.
- Efficiently deployed applications on Pivotal Cloud Foundry for **UAT** and **development** environments, ensuring smooth and consistent integration and testing processes.

Komhar Services, Pvt Ltd India   **March 2020 – July 2022**

Role: Cross-Platform Developer

Project: Energy Systems

- Created a resilient asynchronous call management system utilizing the **axios** library and **Redux Saga**, leading to a 40% reduction in loading time and enhancing the overall performance and user experience of the single-page application.
- Enhanced application performance with asynchronous RESTful APIs and Docker microservices, orchestrating deployments on OpenShift. Implemented robust **TDD** and **BDD** practices with Jest and React Testing Library for 80% code coverage.
- Employed **React** library to engineer responsive and dynamic user interfaces, augmenting user experience and engagement across multiple devices.
- Coordinated project overviews, led thorough knowledge transition sessions, and engaged in scrum meetings to equip new team members with vital insights for seamless integration and project contribution.

- Utilized code splitting, lazy loading techniques, and polyfills to intricately optimize the build process.
- Actively engaged in **code review** and contributed code using **Bitbucket** to enhance collaboration, foster collaborative development, and maintain high code quality standards.
- Utilized **HTML5, CSS3**, and **JavaScript** to craft responsive UI components, achieving a 20% increase in performance and user satisfaction across various devices and screen resolutions, resulting in elevated cross-platform user experiences.
- Implemented an effective pull request review system, ensuring timely feedback to foster ongoing enhancements.
- Worked closely with UX/UI designers to transform user requirements into a highly accessible React interface that complies with ADA guidelines, guaranteeing an inclusive user experience.
- Employed **AWS CloudWatch** for precise application log management and integrated **Adobe Analytics** to capture and analyze customer interactions, aligning with specific business requirements.

Komhar Services, Pvt Ltd India   **June 2018 – March 2020**
Role: *Web Developer*
Project: Regulatory Compliance Management Dashboard

- Created and integrated multiple reusable UI components and Micro Frontends for Komhar Services platform, utilizing React.js and TypeScript.
- Implemented responsive design principles using **jQuery** and **CSS3** media queries to ensure optimal user experience across **mobile** and **desktop** devices
- Constructed responsive UI components with media queries to guarantee an optimal user experience across diverse devices. Utilized axios interceptors to dynamically render country-specific data within the single-page application.
- Engaged in collaborative code reviews on Bitbucket, promoting teamwork and knowledge exchange within the team. Identified and addressed critical bugs highlighted by the CUG, resulting in a 20% decrease in defects.
- Implemented CI/CD pipelines with Jenkins to automate build processes, ensuring continuous integration and deployment while maintaining test coverage of **80**% in **SonarQube** for enhanced security and code quality standards.
- Executed JWT refresh token functionality in a Python Flask application to fortify secure authorization and authentication mechanisms.
- Built RESTful API services with Python Flask, utilizing AWS **SNS** topics and **Kafka** to establish a dependable and scalable notification service.
- Implemented deployment of React applications on **Elastic Kubernetes Service** (EKS) to ensure reliable scalability and high availability within a **cloud-based infrastructure**.
- Integrated security protocols for microservices by deploying Spring Boot Auth Server to generate JWT tokens within the OAuth 2 framework. Proficiently utilized Agile methodologies (SDLC), managing user stories and bug cards through Jira boards.
- Engaged actively in **Bitbucket code reviews**, cultivating a collaborative atmosphere for knowledge exchange
- Led **knowledge-sharing** efforts in **scrum meetings** to enhance project transparency and promote collaboration, resulting in a 23.7% increase in user engagement through close collaboration with the UI design team.

PROJECTS

Style Spectrum,
- Developed Style Spectrum E-commerce platform with inventory management, delivery tracking, customer management, and personalized product selection features.
- **Tech stack**: JavaScript, Redux Toolkit, Webpack, React.js, Bootstrap, Postman, GitHub, VSCode.

Grocery Store E-Commerce, UCM, MO
- Built Grocery Management System, an e-commerce platform with automated inventory, order processing, personalized shopping, and admin controls for products and pricing.
- **Tech stack**: ReactJS, NodeJS, NoSQL, JavaScript (ES6), HTML, CSS, jQuery, Vue, Babel.

House Rental Management, UCM, MO
- Created a cloud-based house rental management app using AWS S3, EC2, and Lambda, allowing property owners to remotely oversee rentals, access visitor logs, and manage guest details in real-time.
- **Tech stack**: AWS serverless lambda, AWS RDS, AWS IAM, AWS ECS, SQL Server.

TechBazaar Ecommerce:
- TechBazaar E-commerce, powered by Material-UI and React.js, offers real-time inventory, secure login, personalized suggestions, and easy checkout for gadgets and accessories.
- **Tech stack**: Firebase, Redux, Reactjs, JavaScript, Typescript, React-router-dom, Redux dev tools, styled-components

EDUCATION

University Of Central Missouri, Warrensburg, MO   **August 2022 – December 2023**
- Master's in computer science