ANU PRASANTHI POTHULA

Senior Front-End Developer

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PROFESSIONAL SUMMARY

Innovative and results-oriented Software Engineer with over 6+ years of comprehensive experience in front-end and backend development, specializing in crafting high-performing web applications. Proficient in utilizing modern frameworks and technologies, including HTML5, CSS3, JavaScript, React.js, Redux.js, and Node.js, to create dynamic user experiences.

Expert in the full software development lifecycle (SDLC), adept at driving projects from requirement analysis through implementation and maintenance within Agile and SCRUM environments. Recognized for building scalable, reusable components and optimizing application performance, resulting in enhanced user satisfaction and engagement.

Skilled in integrating RESTful APIs and leveraging cloud technologies, particularly Amazon Web Services (AWS), to enable robust backend communication. Committed to best practices in coding and quality assurance, utilizing testing frameworks such as Jest, Jasmine, and Mocha to deliver reliable and maintainable solutions.

Proven track record of leading cross-functional teams in delivering high-impact projects across diverse sectors, including finance and telecommunications. Passionate about mentoring junior developers, fostering a culture of collaboration, and driving continuous improvement within the team.

TECHNICAL SKILLS

- Frontend: HTML5, CSS3, LESS, SASS, Bootstrap, Material UI, ES6+, JavaScript, TypeScript, React.js, Redux.js, Next.js
- Backend: Node.js, RESTful APIs
- Testing: Jest.js, Jasmine
- Tools & Platforms: Git, Github, Bitbucket, JIRA, Webpack, Babel, NPM
- Databases: MySQL

- Operating Systems: Windows, macOS

PROFESSIONAL EXPERIENCE

Frontier Internet   **July 2023 – Present**
Senior Frontend Developer
Project: Partner Portal

- Contributed to the development of Frontier's project, focusing on enhancing user experience and performance.
- Leveraged React.js, Redux.js, and Node.js to build robust and maintainable front-end architectures.
- Utilized Material-UI and CSS to create responsive, visually appealing, and user-friendly interfaces.
- Developed and maintained code using JavaScript and TypeScript, ensuring type safety and scalability.
- Implemented unit and integration tests using Jest.js, ensuring high-quality, reliable code.

Key Contributions:

- Enhanced application performance by optimizing React components and state management.
- Ensured clean, maintainable code through the adoption of best practices in TypeScript and JavaScript.
- Worked closely with cross-functional teams, including backend developers, designers, and QA engineers, to deliver features on time.
- Applied responsive design principles to ensure a seamless user experience across various devices.
- Created reusable components with Material-UI, reducing development time and ensuring consistent UI.
- Utilized React's lazy loading and dynamic import features to implement code splitting, reducing initial load times and improving application performance.
- Incorporated advanced Material-UI features, such as custom themes and styled components, to enhance visual consistency and customization of the user interface.
- Leveraged TypeScript's advanced type features to create type-safe APIs and improve development efficiency and error detection.
- Expanded Jest.js test coverage to include edge cases and asynchronous components, increasing overall reliability and robustness of the application.
- Implemented comprehensive error handling and fallback mechanisms using React Error Boundaries and custom hooks to enhance application stability.
- Utilized tools like Axios for optimized API calls and implemented caching strategies to reduce unnecessary network requests and improve data retrieval times.
- Integrated performance monitoring tools, such as React Profiler and Lighthouse, to continuously track and optimize application performance.

- Automated build and deployment processes using tools like Webpack and CI/CD pipelines (e.g., GitHub Actions, Jenkins) for streamlined releases and efficient code integration.

Deloitte (Client: Axis Bank)   **Nov 2022 – June 2023**
Technical Lead
Project: Axis Mutual Funds

- Led and coordinated frontend development projects, ensuring timely and high-quality delivery.
- Worked closely with designers, backend developers, and stakeholders to deliver a cohesive and seamless user experience.
- Ensured the highest standards of code quality through code reviews, enforcing best practices, and maintaining coding standards.
- Designed and implemented scalable and maintainable frontend architectures, focusing on performance and user experience.
- Provided mentorship and guidance to junior developers, fostering a collaborative and knowledge-sharing environment.
- Evaluated and recommended new technologies and frameworks to enhance development efficiency and product quality.
- Implemented responsive design principles to ensure web applications function flawlessly across various devices and screen sizes.
- Identified and addressed performance bottlenecks, optimizing applications for speed and efficiency.
- Acted as a liaison between the frontend team and other departments to ensure alignment on project goals and timelines.
- Maintained comprehensive documentation of codebase, development processes, and best practices to facilitate knowledge transfer and onboarding.

Mphasis Limited, Hyderabad, India   **May 2021 – Oct 2022**
Software Engineer
Project-1: Edge Price Forbes

- Responsible for developing Edge Price Forbes Online.
- Experience in using Confluence for mock designs.
- Used React.js with Redux for logical programming and Material-UI for beautification.
- Added media queries and Material UI for responsive application.
- Utilized Jest framework for test cases.
- Tested in Chrome, Microsoft Edge for debugging tools.
- Experienced in using Agile methodology.

- Involved in using React.js reusable components, forms, keys, lists, RBAC, router, API integrations, and dashboards.

Project-2: RBS (Royal Bank of Scotland)

- Part of developing the RBS project.
- Designed dynamic and browser-compatible pages using HTML5, CSS3, Material UI, React.js, and JavaScript.
- Created React class-based reusable components and Redux for frontend.
- Experienced in DOM, props for data transfer, lifecycle methods, and state management.
- Developed Redux unidirectional data flow components.
- Responsible for maintaining branch code deployment in GitHub.
- Analyzed and developed Ajax calls by passing JSON data.
- Utilized Contentful tool on the server side.
- Experienced in designing and generating emails.
- Operating system: Windows, macOS.

Adecco (Client: WayCool Foods & Products Pvt Ltd)   **Nov 2020 – April 2021**
Software Engineer
Project: My-Price

- Responsible for developing My-Price for the total frontend.
- Used React.js with Redux Flux for logical programming and Material-UI for beautification.
- Managed the modules using NPM (Node Package Manager).
- Integrated routes.
- Implemented login, validations, roles, latitude, and longitude for location control.
- Used Axios for HTTP/HTTPS requests and attached Bearer token for secure usage of API.
- Developed test classes in Jasmine for unit testing.
- Worked on multiple routes for the same front-end tool.

Nipun Net Solutions, Hyderabad, India   **June 2018 – Oct 2020**
Software Developer

Project: Asset Management

- Responsible for developing and managing an Asset Management tool end-to-end.
- Analyzed, designed, and developed a system to meet the requirements.

- Written JS, JSP to add functionality to a web application based on customer requirements.
- Experience with creation of UI with HTML, CSS, jQuery, JavaScript, Bootstrap, and React.js.
- Experience in using React.js components, forms, events, refs, keys, and router.
- Good experience in React.js for creating interactive UI using one-way data flow, Virtual DOM, and JSX.
- Developed RESTful CRUD APIs using JAVA/J2EE for managerial activities like create, request, allocation, and approval of assets.
- Utilized Java business logic to transfer data from client to server in HTTP protocol.
- Experience in using MySQL for storing all asset-related data.
- Implemented mail service using Activiti framework.

PERSONAL PROJECTS

- Developed a web app to manage my favorite movies list, which includes CRUD operations on Node.js and React.js routing on the frontend.
- Developed an e-commerce site (GlamUp) with a sleek UI, which includes creating and updating shopping lists. Technologies involved are Node.js and React.

EDUCATION

Bachelor of Engineering (B.E.) in Electronics and Communication

SRKR Engineering College, Andhra Pradesh

July 2014 – May 2018