Pranav Garg

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Skills

Technology: React JS, JavaScript, Tailwind CSS, Redux Toolkit, Jest, HTML 5, C#, Material UI, Bootstrap
Version Control & Tools: Git & GitHub, VS Code, Postman
Additional Skills: Postman, Responsive design, Data structures & Algo, Google's Gemini, Microsoft's Copilot

Work Experience

INFOSYS Chandigarh   February 2022 - Present
System Engineer (React JS developer)

- **Infosys InfyMe Website (Frontend Transformation)**
  - Orchestrated frontend development of critical modules for Infosys InfyMe (employee data management platform).
  - Engineered intuitive user interfaces with React.js for employee dashboards and data management pages.
  - Integrated with backend APIs for accurate and secure employee data display.
  - Implemented Redux Toolkit for advanced state management, optimizing performance.
  - Styled components with Tailwind CSS for enhanced UX and design adherence.
  - Handled backend modifications using C#.
  - Contributed to a 46% increase in employee self-service adoption and 60% reduction in data retrieval times.

- **Greenfield Internal Analytics Dashboard (Frontend Development)**
  - Led React.js frontend development, from conception to deployment, for a new internal analytics dashboard visualizing key operational metrics.
  - Architected the React.js application structure for scalability and maintainability.
  - Developed core dashboard functionalities like interactive charts, filterable data tables, and dynamic reporting modules, consuming data from RESTful endpoints.
  - Engineered interactive data visualizations (bar, line, pie charts, tabular displays) using charting library Chart.js.
  - Contributed to backend enhancements using C# for specific application modules.

- **Greenfield Internal Analytics Dashboard (Frontend Development)**
  - Drove React.js frontend modernization for a legacy banking portal, creating a modern, intuitive, and high-performance user experience.
  - Redesigned critical customer-facing modules (account summaries, transactions, payments) aligning with modern UI/UX, responsive design including optimized Chakra UI, Tailwind CSS implementations.
  - Enhanced user engagement and efficiency via new features like personalized alerts and improved navigation.
  - Implemented robust error handling and input validation for data accuracy and security.
  - Achieved a 32% improvement in page load times through advanced styling, optimized Chakra UI and Tailwind CSS, and lazy loading.

Mainframe Engineer

- **Orange Group (France Télécom)**
  - Analysed legacy COBOL and JCL, mapping dependencies for cloud migration.
  - Implemented data migration using cloud services, ensuring data integrity.
  - Configuring infrastructure and monitoring.
  - Conducted thorough testing, resolving defects and ensuring performance.
  - Contributed to strategic planning, cost estimation and documentation.

KADS Consultancy   June 2021 – December 2021
Intern

- Developed and maintained dynamic web applications using React.js, resulting in improved user engagement and efficiency.
- Conducted testing of application using JEST.
- Implemented RESTful API integrations, ensuring seamless data flow and enhanced application functionality.
- Utilized React hooks, context API and Redux Toolkit for efficient state management and component reusability.
- Participated in code reviews and collaborated with cross-functional teams to deliver high-quality and maintainable code.
- Adapted to evolving technologies within the React ecosystem, demonstrating continuous learning and improvement.
- Deep understanding of React's reconciliation process and virtual DOM, and how to leverage them for optimal performance

Education

CGC Landran, Punjab (2017 – 2021)

B.Tech in Mechanical Engineering   CGPA: 8/10

Project Work

AI Chat App (Frontend)

- This React.js project showcases an AI chat application powered by Google's Gemini API. It features a real-time chat interface built with React hooks for efficient state management. This demonstrates skills in frontend development, API integration, and asynchronous operations.

Tech: React JS, CSS, Axios, JavaScript.

Food Ordering App (Frontend)

- Developed a dynamic food ordering web application using React.js, leveraging the Swiggy API for real-time restaurant data and a seamless user experience. This project demonstrates proficiency in front-end development & API integration. Key features include user-friendly navigation, restaurant search and filtering, and a streamlined order placement process.

Tech: React JS, CSS, Tailwind CSS, JavaScript, Redux Toolkit.

Awards and Certificates

- **Infosys Certified Frontend Web Developer.**
- **Infosys Certified Mainframe Engineer.**

CGC Landran, Punjab (2017 – 2021)

B.Tech in Mechanical Engineering   CGPA: 8/10