**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)**](https://github.com/PranavGarg1/AI-Chat-App)

• 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)**](https://github.com/PranavGarg1/swiggy-clone.git)

• 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.**