

MEHUL PANCHAL

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Summary

Accomplished Microsoft Certified Professional and Frontend Developer with over 3 years of experience in modern web technologies. Skilled in Agile methodologies, collaborative development, and leading cross-functional teams, and deliver production-grade applications utilizing cutting-edge technologies. Interested in solving technical challenges?

Education

Rajasthan Technical University

Aug 2018 – July 2022

Bachelor of Technology (Information Technology)

Kota, Rajasthan

Technical Skills

Languages: JavaScript, Typescript, HTML, CSS, SQL

Tools/Technologies/Framework: React.js, Next.js, Node.js, Express.js, GraphQL, Zustand, Redux, React Query, socket.io, websocket, Jest, IDP integration, MS Bot Framework (Direct Line), Docker

CSS Frameworks and Libraries : Tailwind CSS, Bootstrap, Material UI, Shadcn/ui

Version Control: Git, NVM

Development Tools: VS Code, Prisma Studio, Insomnia, Postman

Cloud Platforms: Microsoft Azure, Google Firebase

Experience

Celebal Technologies

July 2022 – Present

Software Engineer

Jaipur, Rajasthan

- Led the migration of a large-scale project from React.js to Next.js, incorporating Static Site Generation (SSG) and Server-Side Rendering (SSR) to achieve a 40% increase in application performance and reduce page load times
- Integrated chatbots via Bot Framework and DirectLine, implemented real-time features with Socket.IO, and leveraged Azure services for scalable data storage and performance optimization.
- Enhanced code quality by rigorous reviews best practices, resulting in a 20% reduction in bug rates improved stability.
- Architected and optimized AI-driven solutions using Next.js, React.js, Node.js, and Azure, significantly enhancing system performance and scalability to accommodate higher user loads.

Certifications

Microsoft Certified: Microsoft azure fundamentals certification

Projects

Gprnt.ai ESG Reporting App and Sustainability Dashboard.

- **Responsibilities:** As a frontend developer, I built the admin portal for the Gprnt Platform, enabling efficient management of ESG data. I focused on designing a user-friendly interface and ensuring seamless functionality for users to collect and report sustainability data. My role involved integrating key features for SMEs, corporates, and institutions to manage and act on their ESG data effectively.
- **Technologies Used:** Next.js, React.js, React Query, Axios, Zustand, Azure B2C Login (IDP), MUI/ShadCN, Prettier, Linter, Git Husky, React Testing Library, Jest, Moment.js, Design Systems.

Enterprise MiningOps Hub

- **Responsibilities:** Developed a reusable component library with Shadcn and Tailwind CSS, ensuring responsive design and seamless user management via IDP integration. Created a design system, implemented best practices, and collaborated on feature development and testing. Led persona creation and optimized costs through advanced algorithms and digital solutions.
- **Technologies Used:** Next.js, JS, Next auth, App router, Keycloak, URLQL, GraphQL, Zod, Tailwind CSS, Monorepo codebase, Insomnia, Prisma Studio, in-house component lib gsp ui, GitHub Enterprise.

ABC Digital - Search Functionality Solution

- **Responsibilities:** Integrated an AI-powered QnA chatbot for real-time financial data responses across mobile, web, and desktop platforms. Implemented quick link navigation, response streaming, and chat query functionality to enhance customer support. Collected user feedback to continuously improve the chatbot's performance and functionality across devices.
- **Technologies Used:** ReactJS, Redux, react-router-dom, Bootstrap5, Socket.IO, Azure Active Directory, iframe, Azure DevOps, CI/CD, Azure App Service