

Mansi Patel

Dallas, Texas

+1-469-734-4501 ✉ mansipatel3104@gmail.com <https://www.linkedin.com/in/mansi2911/>
<https://github.com/mansi8140> <https://mansipatel.dev/>

SUMMARY

Software Developer with 2+ years of experience building high-performance, component-based web applications. Proven track record in optimizing load times, improving user engagement, and delivering polished UIs with JavaScript and React. Skilled in cross-functional collaboration and leveraging cloud infrastructure for scalable, reliable solutions.

SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, CSS, HTML, XML, Python
- **Frameworks And Libraries:** NestJS, ReactJS, React Native, JQuery, Bootstrap, Spring Boot, Angular, OpenAI, WordPress, Figma
- **Development Tools:** VS Code, IntelliJ IDEA, GitHub Copilot, Git, Postman, TortoiseHg

WORK EXPERIENCE

BE Networks | *Software Developer*

Jan 2024 - Present

- Engineered a scalable front-end application using JavaScript and TypeScript, improving load times by 30% and boosting user engagement by 20%, with a focus on component-based design for seamless integration into a modern web framework.
- Designed and developed a NestJS-based microservice middleware that connected the GUI to a Prompt Service, reducing end-to-end latency by 35% and ensuring smooth, high-quality user experiences consistent with robust web standards.
- Built NestJS interceptors to handle logging, transform responses, and manage errors uniformly, achieving 100% consistency in API outputs and full traceability through structured logs; documented DTOs and service architecture in Confluence to support scalable development.
- Integrated LangChain to enhance chatbot functionality and streamline interactive flows, reducing response time by 25% and supporting an engaging digital user experience.
- Authored over 350 unit, integration, and E2E tests using Jest, reducing critical bugs by 25% and ensuring high reliability and performance alignment with front-end quality benchmarks.
- Utilized Postman for comprehensive API testing and documentation, accelerating QA feedback cycles by 40% and supporting seamless collaboration across design, development, and product teams.
- Managed branching strategies and pull requests via GitHub and TortoiseHg, ensuring clean, maintainable codebases in Agile teams.

BE Networks | *Software Developer Intern*

Sep 2023 - Dec 2023

- Developed and optimized user interfaces for company SD-LAN solutions using JavaScript, HTML, and CSS, focusing on creating intuitive and responsive designs to enhance web interaction and overall user experience.
- Collaborated closely with senior developers to refactor and improve existing codebases, achieving a 15% improvement in system performance and reducing maintenance costs by 10%, aligning with a high standard of web design and functionality.

Moltech Solutions Pvt. Ltd. | *Software Developer*

Apr 2021 - Dec 2021

- Developed and deployed five web and mobile applications using React.js, React Native, Bootstrap, and Figma, enhancing UI by 35% and ensuring a component-based, high-quality design approach that supports dynamic user experiences.
- Optimized performance and deployment by enhancing SEO, implementing CI/CD, and improving page load speeds by 15%, while revamping web designs with reusable components and prototyping, resulting in a 40% reduction in downtime.
- Accelerated development cycles and improved UI/UX by establishing reusable components and rigorous performance tuning, reducing design iteration time by 50% and accelerating feature rollout in line with modern design systems and web development best practices.

EDUCATION

The University of Texas at Arlington

Master of Science, Computer Science (GPA: 3.83/4)

Jan 2022 - Dec 2023

Kadi Sarva Vishwavidyalaya

Bachelor of Science, Computer Engineering

Aug 2017 - May 2021

ACADEMIC PROJECTS

Life Insurance Management System | *Academic Projects*

Jan 2025

- Built a full-stack insurance management system with Angular, Spring Boot, and MySQL, featuring secure REST APIs, role-based dashboards, and a scalable notification system with JWT authentication.

Cloud Based Storage Application | *Academic Projects*

Feb 2023 - Apr 2023

- Built a Java-based file storage app inspired by Google Drive, leveraging Threads, Synchronization, TCP/UDP protocols, and delta sync for efficient client-server communication.

Property Management Portal | *Academic Projects*

Jul 2022 - Aug 2022

- Developed a family property management website using ReactJS, Laravel, and MySQL to track assets, projects, and groups, including dynamic share calculations upon property sales.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner:** Amazon Web Services (AWS), Jun '24