

MANISH SINGH

Noida • +91-9716338491 • manish8081@gmail.com • linkedin.com/in/manishsingha

Frontend Architect

Lead Front-End Engineer with 10+ years of experience in building and scaling responsive, high-performance web applications using modern front-end frameworks. Skilled in leading front-end teams, architecting scalable solutions, and collaborating with cross-functional stakeholders in Agile environments.

WORK EXPERIENCE

NAGARRO

Associate Staff Engineer • Full-time

04/2021 – Present
Gurugram, India

- Architected and implemented a scalable micro frontend platform, reducing system downtime by 40% and enhancing user experience for over 1 million active users.
- Optimized rendering and reduced TTI (Time to Interactive) by 35%.
- Mentored a team of 8 junior developers, which resulted in a 50% faster onboarding time and higher retention.
- Collaborated with backend teams using Node.js, improving data throughput and reducing load time by 33%.
- Scaled an E-commerce platform focusing on Customer and Business Management that increased registration by 25%.
- Collaborated with product managers to integrate user feedback into the development cycle, increasing customer satisfaction scores by 20% within six months.
- Engineered 25+ end-to-end (E2E) automated test cases using Playwright, improving test coverage by 40% and reducing regression testing time by 5 hours per sprint.

GLOBAL LOGIC

Associate Consultant, Engineering

09/2020 – 04/2021
Noida, India

- Ensured cross-browser and cross device compatibility, achieving 99% seamless user experience across leading browsers.
- Participated in agile sprints, contributing to a 15% increase in project delivery speed through effective collaboration and task prioritization.
- Optimized existing codebase, resulting in a 35% reduction in server costs and improved application performance across multiple platforms.

COFORGE (NIIT TECHNOLOGIES)

Senior Software Engineer

06/2019 – 09/2020
Greater Noida, India

- Led a cross-functional team to design and implement front-end architecture using modern frontend frameworks for scalable, enterprise-grade web applications that boosted user engagement by 40% within six months.
- Enhanced application performance by 30% via rigorous code refactoring and adherence to industry best practices.
- Facilitated the shift to a Git-based version control system, improving team collaboration efficiency by 30%.
- Solved complex technical issues, including circular dependencies, achieving a 20% reduction in application bundle size.

HCL TECHNOLOGIES

Member Technical Staff

05/2016 – 05/2019
Noida, India

- Migrated legacy apps to Angular SPAs, enhancing UI/UX with responsive design, improving performance by 40%.
- Built a custom UI library from scratch using React, TypeScript, HTML5, and SCSS, focusing on a component-based architecture.
- Enhanced unit test coverage from 55% to 90% using Jasmine and Karma.
- Utilized ES6+ JavaScript for developing interactive UI components, reducing development time by 25%.
- Participated in the design phase with UX/UI teams, facilitating a 30% improvement in design feasibility.

- Created a full-stack MVC application utilizing AngularJS, Firebase, Node.js, which attracted 20,000 new users within the first quarter of launch.
- Designed responsive web pages that led to a 20% increase in mobile user traffic.
- Observed user engagement metrics to optimize webpages with lower interaction, improving the user experience and increased the engagement by 40%.
- Implemented MailChimp for targeted email campaigns and Razorpay for secure payment processing, leading to a 25% increase in user engagement and a 20% boost in sales conversions.

EDUCATION

Master of Computers Application in Computer Science G.L. BAJAJ INSTITUTE OF TECHNOLOGY & MANAGEMENT	Greater Noida, UP, India • 07/2012 - 05/2015
Bachelor of Computers Application in Computer Science INTEGRAL UNIVERSITY	Lucknow, UP, India • 07/2008 - 06/2011

CERTIFICATIONS

Angular (Udemy)	05/2025
Learning the OWASP Top 10	05/2024
JavaScript (Udemy)	10/2020

AWARDS & SCHOLARSHIPS

- HCL R&R Award
- HCL Live Wire Award
- HCL O Infinity Award

SKILLS

Frameworks/Libraries: Angular, Bootstrap, Express JS, Material, Next JS, NodeJS, React, Tailwind, Vue
Languages: CSS3, HTML5, JavaScript, SCSS, TypeScript
State Management: NgRx, Redux Toolkit, RxJS
Testing: Jasmine, Jest, Karma, Playwright
DevOps & Tools: Bitbucket GitHub, Dynatrace, Git, Heroku, SonarQube, Vercel
Cloud/CI-CD: AWS, Azure DevOps, CI/CD pipelines, Jenkins
Project Tools: Confluence, JIRA, TFS, Trello
Build Tools: Grunt, Gulp, Vite, Webpack
APIs: JSON, RESTful APIs
Other: Core Web Vitals, Google Analytics, Micro Frontend, OWASP, Performance Optimization, Prompt Engineering, Web Accessibility