MANISH GANDOTRA

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Summary

Innovative and results-driven Senior Software Developer with over 7.5 years of full-stack experience in web and mobile development, specializing in React.js, Node.js, React Native, and AWS. Known for a proven track record in leading cross-functional teams, optimizing application performance, and delivering scalable, high-quality software solutions.Experienced in reducing costs, boosting user satisfaction, and enhancing system efficiency in industries such as fintech and e-commerce. Passionate about driving innovation, mentoring teams, and fully committed to Agile methodologies.Embraces a digital nomad lifestyle, enjoys travelling, and exploring new cultures. Open to relocation for challenging opportunities.

Professional Experience

Termgrid
Feb 2024 – Present

Software Engineer — *Remote*

- Architected a scalable debt management module using React and Next.js, increasing scalability by 40% and handling 1M+ records.
- Devised comprehensive testing procedures, decreasing bugs by 20% and elevating user satisfaction by 15%.
- Optimized application performance, reducing load times by 30% and server response times by 25%.
- Spearheaded team productivity improvement as Scrum Master, achieving a 30% boost through precise sprint planning.
- Orchestrated CI/CD pipeline integration with Jenkins and Docker, slashing deployment time by 40%.
- Revamped UI designs, driving a 25% rise in user engagement and a 10% decrease in bounce rates.
- Transformed legacy systems into microservices architecture, cutting technical debt by 35% and enhancing maintainability.

Deloitte
July 2022 – Feb 2024

DC Consulant — *Remote, India*

- Engineered the 'Type Save' feature, amplifying website performance by 50% with advanced cache optimization and Next.js static site generation (SSG).
- Directed AWS cloud deployment, achieving a 40% improvement in scalability and reliability.
- Streamlined Heroku pipelines, reducing deployment time by 30% and ensuring minimal downtime with automated monitoring.
- Advanced project delivery timelines by 25% and mitigated merge conflicts by 20% through strategic Git branching practices.
- Mentored and coached junior developers, fostering a culture of continuous learning and technical excellence.

Cognizant
May 2021 – Jul 2022

Associate projects — *Remote, India*

- Built a high-performance website with Next.js, React, Node.js, Nest.js, and GraphQL, enabling real-time tracking for 5,000+ websites and improving decision-making by 27%.
- Engineered a high-performance website with Next.js, React, Node.js, Nest.js, and GraphQL, enabling real-time tracking across 5,000+ websites and improving decision-making by 27%.
- Automated workflows with Okta, reducing ticket resolution times by 40% and enhancing security by 15%.
- Deployed serverless applications on AWS Lambda, cutting server costs by 50% and boosting query response efficiency.
- Enhanced code quality by 25% and minimized post-release bugs by 30% through meticulous code audits and refactoring.

- Implemented Docker and Kubernetes for containerization, ensuring flexible and consistent deployment pipelines.

Intelizign Engineering Services
Aug 2020 – Apr 2021

Software Engineer — *Pune, India*

- Designed and delivered a real-time job portal with Next.js, React.js, TypeORM, and Node.js, improving platform efficiency by 20%.
- Boosted response speed and reliability by 40% through clustering techniques for Node.js instances.
- Architected a microservices framework, enhancing system performance by 30% and reducing downtime significantly.
- Integrated third-party APIs, driving a 15% increase in user retention and engagement.
- Conducted rigorous stress testing and performance analysis, optimizing system throughput by 25%.
- Championed Agile methodologies, cutting project delivery times by 20% and fostering stronger team collaboration.

National Informatics Center
June 2017 – July 2020

Software Developer
Chandigarh, India

- Directed the development of a government bill management system using React.js and Node.js, reducing processing costs by 30%.
- Optimized application performance with Next.js server-side rendering (SSR), enhancing user experience and system efficiency.
- Fine-tuned SQL queries, increasing decision-making speed by 25%.
- Designed a modular front-end architecture, cutting adaptation time for new features by 40%.
- Deployed Role-Based Access Control (RBAC), curbing unauthorized access by 15%.
- Produced comprehensive documentation and user manuals, reducing support requests by 20% and expediting onboarding processes.
- Partnered with government stakeholders to deliver solutions, achieving a 30% boost in client satisfaction.

Education

Bachelor of Technology, Computer Science
2013 - 2017

Punjab Technical University, Jalandhar
Gurdaspur, Punjab

Technical Skills

Front-end Development: React.js , Angular, Vue.js, JavaScript, TypeScript, HTML,CSS, Next.js, Redux, RxJS, Antd, Material UI, Bootstrap, Storybook, React Native

Back-end Development: Node.js, Express.js, GraphQL, Nest.js, Microservices Architecture, RESTful APIs, gRPC, NPM packages - Create, build and publish

Database Management: PostgreSQL, MySQL, MongoDB, Redis, SQL Optimization

Cloud DevOps: PAWS (Lambda, API Gateway, DynamoDB, Serverless, CloudFormation, CloudWatch Alerts), Heroku, Azure, Docker, Kubernetes, Jenkins, Terraform, CI/CD Pipelines, Terraform, GCP

Testing Automation: Jest, Mocha, Chai, Selenium, Sonar

Project Management: Agile/Scrum, Team Leadership, Code Review, Task Allocation, Sprint Planning

Soft Skills: Communication, Problem-Solving, Teamwork, Mentoring

Principles: SOLID, DDD, OOPs

Domains: E-commerce, Pharmaceuticals, Government-based products, Energy, Banking, Ad serving, Survey based, Product, Automobiles, EV-Based

Learning / Exploring: Artificial Intelligence (LLMs) - Large language model

Certifications

- Meta Front-End Developer Professional Certificate, Meta — April 2023
- Advanced JavaScript Concepts, Udemy — June 2023
- Cloud Computing Specialization, University of Illinois, Coursera — January 2023
- Introduction to Web Development, University of California, Davis — January 2024

Personal traits

∗ Problem Solver
∗ Collaboration and Teamwork
∗ Strong Communication
∗ Creative Thinker
∗ Self-Motivation