

AMAN VERMA

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Portfolio | linkedin.com/in/aman-verma-developer

PROFESSIONAL SUMMARY

Full-Stack Engineer with 5+ years of experience delivering high-performance web applications and enterprise dashboards using **React, TypeScript, Node.js, and MongoDB**. Proven track record of reducing load times by 25–30%, scaling systems to 10,000+ connected devices, and driving test coverage from near-zero to 80%. Experienced in IoT platforms, government-scale data products, and Agile delivery in cross-functional teams across Canada and India.

TECHNICAL SKILLS

Frontend: React, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Redux, Bootstrap

Backend: Node.js, Express.js, Laravel, RESTful APIs, Microservices

Databases: MongoDB, MySQL, PostgreSQL, SQL Server, Firebase

Testing: Jest, Jasmine, Karma

Cloud & DevOps: AWS S3, GCP, CI/CD Pipelines, Git, Docker, Jira, Postman

EXPERIENCE

Software Engineer

Oct 2024 – Present

Quantela, Gurugram

- Developed enterprise-grade **React, Angular, and TypeScript** applications and analytics dashboards for the Ministry of Education, enabling real-time reporting through the **Quantela Platform** and **Power BI**.
- Built and integrated **Node.js/Express** REST APIs with MongoDB and SQL backends, enabling real-time **Highcharts** visualizations that reduced manual reporting effort by **40%** for program managers.
- Adopted AI-assisted coding workflows (GitHub Copilot) alongside rigorous PR reviews, cutting feature delivery cycles by **20%** while maintaining test coverage above 75%.
- Optimized **MongoDB** aggregation pipelines and React rendering strategies (memoization, lazy loading), achieving a **30% reduction in page load time** across high-traffic dashboard views.

Full Stack Developer

May 2024 – Sep 2024

MCSAM, Gurugram

- Built client-facing full-stack platforms using **React, Node.js, and SQL**, delivering 3 production modules within a 5-month engagement.
- Integrated **Razorpay** payment gateway with full input validation and error-handling flows, achieving a **99.8% transaction success rate** in production.
- Managed **AWS S3** asset storage and configured deployment pipelines, reducing release cycle time by **30%** and eliminating manual deployment errors.

Software Developer

May 2022 – Apr 2023

SOTI Inc, Canada

- Led frontend architecture for **XSight**, an enterprise IoT platform managing **10,000+ connected devices**, using React and Redux to deliver a real-time device monitoring interface used by enterprise clients globally.
- Built RESTful APIs and **microservices** using Node.js, Express.js, and MongoDB, enabling real-time device data processing and management at scale.
- Expanded unit test coverage from **40% to 80%** using Jest, Jasmine, and Karma, reducing production defect rate by **35%** and cutting regression debugging time significantly.
- Diagnosed and resolved performance bottlenecks, achieving a **25% reduction in load time** and maintaining **99.9% uptime** across production environments.

Full Stack Developer

Apr 2019 – Apr 2021

Mudrahome, New Delhi

- Owned full-stack development (**React, Laravel, PHP, MySQL**) for a real estate listings platform, building 10+ core features from design to production deployment.
- Refactored a legacy jQuery frontend into a **React component library**, reducing new-feature development time by **30%** and eliminating 2,000 lines of duplicated code.

EDUCATION

Master's in Computer Science

Jan 2021 – Aug 2022

Lambton College, Toronto, Canada

Diploma in Computer Engineering

Aug 2015 – Jun 2018

GNDIT, New Delhi, India