

# AMAN SINGH

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## PROFESSIONAL SUMMARY

Senior Frontend Developer with 6+ years building scalable Angular applications for Fortune 500 clients at Accenture. Delivered 30% performance improvements and 40% reduction in API calls through NgRx implementation. AWS Certified with cybersecurity expertise (ISC2 CC, APISec ACP). Proven technical leadership, client management, and mentoring skills. Specializing in Angular, TypeScript, JavaScript, RxJS, NgRx, and secure application development.

## TECHNICAL SKILLS

**Frontend:** Angular (v12+), TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, RxJS, NgRx, Ionic, React, PWA  
**Tools & Frameworks:** Bootstrap, Material UI, Tailwind CSS, RESTful APIs, GraphQL, Jasmine, Karma, Jest  
**DevOps & Cloud:** AWS (EC2, S3, Lambda, CloudFront), Docker, Kubernetes, Jenkins, CI/CD, Git, GitHub Actions  
**Security:** Burp Suite, Wireshark, Metasploit, OWASP ZAP, OAuth, JWT, API Security Testing  
**Databases:** MongoDB, MySQL, PostgreSQL, Firebase  
**Methodologies:** Agile/Scrum, JIRA, Confluence, Code Reviews, Technical Documentation

## PROFESSIONAL EXPERIENCE

### Accenture

Bengaluru, India

*Application Development Senior Analyst*

*June 2022 – August 2023*

- Led enterprise Angular applications for banking and retail clients serving 500K+ users with 99.9% uptime
- Optimized performance by 30% through lazy loading and code splitting, reducing page load from 4s to 2.8s
- Implemented NgRx state management reducing API calls by 40%, improving data consistency and UX
- Technical lead for 5-member team: conducted code reviews, established standards, mentored developers
- Primary client contact for requirements, sprint planning, demos; maintained 95% satisfaction rating
- Reduced production bugs by 35% through comprehensive unit and integration testing strategies

### Accenture

Bengaluru, India

*Application Development Analyst*

*December 2021 – May 2022*

- Developed responsive, accessible UI components with Angular, TypeScript, SCSS; ensured WCAG 2.1 compliance
- Conducted usability testing and resolved 150+ bugs, improving user satisfaction by 25%
- Integrated frontend with RESTful APIs using RxJS operators for efficient data transformation
- Collaborated with backend team to optimize API responses and implement error handling

### Accenture

Bengaluru, India

*Application Development Associate*

*July 2019 – November 2021*

- Built dynamic UIs implementing pixel-perfect designs from Figma/Adobe XD wireframes
- Integrated third-party APIs including payment gateways, analytics, and social media SDKs
- Debugged complex issues using Chrome DevTools, reducing average resolution time by 40%
- Participated in Agile ceremonies contributing to continuous team improvement

### Self-employed

Ontario, Canada

*Freelance Frontend Developer*

*February 2025 – September 2025*

- Delivered custom web/mobile applications with focus on performance optimization and security
- Implemented secure authentication (OAuth 2.0, JWT, RBAC) for client applications
- Conducted API security testing with Burp Suite and OWASP ZAP, mitigating vulnerabilities pre-production
- Built Location Tracking PWA with offline capabilities and real-time sync using service workers
- Created Social Media Analytics App with data visualization dashboards (Chart.js, D3.js) for 10K+ users

### Starbucks

Toronto, ON

*Department Manager*

*September 2025 – December 2025*

- Led daily operations, team development, and customer experience while managing scheduling and inventory

## KEY PROJECTS

**Location Tracking Progressive Web App** – Developed full-stack PWA with real-time tracking, offline functionality using Angular and Firebase. Implemented geofencing, route optimization with Google Maps API and secure authentication.

**Social Media Analytics Dashboard** – Built analytics platform with interactive visualizations, real-time metrics using NgRx state management. Optimized for 50K+ data points with XSS prevention and secure API communication.

EDUCATION

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George Brown College, Toronto, ON	
Graduate Certificate in Wireless Networking	September 2024 – December 2024
George Brown College, Toronto, ON	
Graduate Certificate in Cybersecurity	September 2023 – August 2024
SDM College of Engineering & Technology, Dharwad, India	
Bachelor of Engineering in Computer Science	August 2015 – June 2019

CERTIFICATIONS

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AWS Certified Cloud Practitioner | ISC2 Certified in Cybersecurity (CC) | APISec API Security Fundamentals  
IBM Data Science Professional Certificate | Applied Data Science Capstone | Python for Data Science