

# AVNI SAXENA

Sector 66, Gurugram, Haryana, India -122102

+91-8146513361 |

avnisaxena252@gmail.com |

linkedin.com/in/avni-saxena-7049341b0

## Summary

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Motivated Full Stack Developer with 3.5+ years of experience in ReactJS, Java and Spring Boot. Skilled in building scalable microservices, optimizing distributed systems, and delivering production-grade applications. Experienced with cloud platforms (AWS), CI/CD pipelines, and frontend performance. Strong understanding of data structures, algorithms, and Agile methodologies.

## Experience

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### Comviva Technologies Limited

November 2022 – Present

#### Senior Software Engineer

Gurugram, Haryana

- Led a team of 5 developers in building and maintaining scalable web apps using ReactJS and Spring Boot.
- Architected microservices with RBAC and JWT authentication, improving security and modularity.
- Integrated Firebase push notifications for real-time alarm tracking and operational alerts.
- Integrated an online payment gateway on the frontend with secure redirection and callback handling, ensuring smooth user payment experience.
- Automated CI/CD pipelines using Jenkins and Docker on AWS, reducing deployment time by 50 percent.
- Resolved over 12 critical vulnerabilities and improved system performance by 40 percent.
- Conducted UAT and trained 200+ users onsite during the successful rollout of a retail system in Celcom Digi, Malaysia.

### Comviva Technologies Limited

November 2021 – November 2022

#### Software Engineer

Gurugram, Haryana

- Developed RESTful APIs and integrated backend systems using Spring Boot, MongoDB and MySQL.
- Improved data flow efficiency by 35 percent and database query performance by 40 percent.
- Collaborated with UI/UX teams to deliver responsive ReactJS interfaces.
- Practiced Agile methodologies with sprint planning, daily stand-ups, and retrospectives.

### Comviva Technologies Limited

July 2021 – November 2021

#### Engineer Trainee

Gurugram, Haryana

- Debugged critical issues in a 10,000+ LOC system, contributing to improved production stability.
- Ranked in the top 2.5 percent for internal assessments on DSA, system design, and testing.
- Reduced test error rates to under 1 percent through thorough testing and mentoring support.

## Projects

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### Celcom Digi Malaysia | *ReactJS, Apache Kafka, SpringBoot*

- Developed a real-time inventory management module using ReactJS and Spring Boot, enabling accurate stock tracking and inventory transfer across 200+ retail outlets.
- Implemented role-based user management with RBAC and JWT authentication.
- Integrated POS sales module with real-time data sync and low-latency APIs.
- Deployed services on AWS using Docker and Jenkins CI/CD pipelines.

### Sales and Distribution System | *ReactJS, Java, MongoDB*

- Designed modules for ticketing, purchase orders, workflows, and POS sales.
- Integrated ticket support for SLA tracking, escalation handling, and resolution workflows.
- Boosted performance by 30 percent using caching, async processing, and optimized DB queries.
- Managed API lifecycle and system integration across distributed components.

## Education

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Bachelor of Engineering (B.E.)

July 2017 – June 2021

Thapar Institute of Engineering and Technology | Patiala, Punjab | CGPA: 8.15

## Technical Skills

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**Languages:** Java, C++, HTML/CSS, JavaScript, TypeScript, SQL

**Frameworks Tools:** ReactJS, SpringBoot, VS Code, IntelliJ, GitHub, Docker, Apache Kafka, Jest

**Cloud and DevOps:** AWS, Jenkins, CI/CD

**Databases:** MySQL, MongoDB

**Concepts:** Microservices, Distributed Systems, REST APIs, Agile, DSA, System Design

**Soft Skills:** Communication, Teamwork, Leadership, Innovation