

# Nafiya Sayed

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## Skills

**Languages:** Java, JavaScript, TypeScript, SQL

**Framework & Tools:** Spring Boot, Angular, Kafka, Docker

**Cloud & Monitoring:** Azure (App Services, Function Apps, Logic Apps, App Insights), Dynatrace

**Other:** REST APIs, Microservices, Distributed Systems, Agile/Scrum

## Work Experience

**Cognizant, Halifax**

Nov 2022 - Present

**Technical Lead (American Airlines - Pilot Technology)**

- Led an 11-member engineering team to deliver pilot-critical features end-to-end, ensuring on-time delivery for all major releases.
- Drove design reviews for new features and multiple cloud-migration initiatives, improving system reliability and scalability.
- Proposed and implemented an enhanced batch-recovery mechanism, preventing ~100% potential pay claim errors monthly and improving operational accuracy by 30%.
- Reduced 24/7 production support costs by ~70% by automating routine updates and establishing a streamlined incident-management workflow.
- Participated in the hiring process, mentoring, and onboarding 4+ full-stack developers.
- **Tech:** Azure, App Services, Function Apps, App Insights, Logic Apps, Dynatrace, Docker, Kafka, Spring Boot, Angular

**Cognizant, Chennai**

Jul 2019 - Oct 2022

**Senior Full Stack Developer (American Airlines - Pilot Technology)**

- Designed and implemented new features using Spring Boot and Angular, ensuring high-quality, on-time feature delivery.
- Optimized database queries and implemented indexing, improving API response times by ~25%.
- Diagnosed and resolved cloud environment issues during QA and BU testing, documenting solutions for future reference.
- Performed code reviews to maintain code quality and enforce best practices.
- Mentored junior developers, providing technical guidance and taking ownership of sprint deliverables.
- **Tech:** Azure, App Services, Function Apps, App Insights, Logic Apps, Dynatrace, Docker, Kafka, Spring Boot, Angular

**Cognizant, Chennai**

Nov 2017 - Jun 2019

**Java Developer (Kohls - Retail)**

- Implemented REST APIs using Spring Boot for backend services.
- Integrated Hazelcast in-memory caching, reducing API latency by ~40% and decreasing load on downstream services.
- Debugged and resolved production issues by identifying root causes and implementing fixes.
- **Tech:** Java, Spring Boot

## Education

**Sree Vidyanikethan Engineering College**

Jul 2013 - May 2017

B.Tech. in Information Technology

**CGPA: 8.4/10**

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks

## Project Work

- **Online Formative Test (2016):** Developed a desktop application to conduct formative exams online every semester using PHP and jQuery. Replaced the traditional offline exam process with an efficient online system, improving exam management, accessibility, and result tracking.

## Awards and Recognitions

- Ranked in the **top 5%** in a national coding competition conducted by Cognizant during the final year of engineering.
- Awarded the **“Diamond in the Rough”** recognition at the Digital Engineering Townhall, selected among **500+ new entrants**.
- Received **client leadership appreciation** for independently driving the **end-to-end Go-Live** of a major cloud migration project.
- Recognized by **Cognizant leadership** for consistently delivering critical features with **near-zero production defects** and strong ownership.