

# Joel Miranda

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## PROFILE SUMMARY

- Software engineer with 2 years of backend development experience in healthcare industry, currently serving as an SDE-2 at INFINX, specializing in Java, microservices and development of RESTful APIs.
- Worked with Python to automate workflows, including web and desktop application automation.

## SKILLS SUMMARY

- **Key Skills:** Data structures and Algorithms, REST API, Microservice Design, Kafka, Automation
- **Languages:** JAVA 8, SQL, Python
- **Frameworks/Libraries:** Spring Boot, Spring data JPA, Spring Cloud, Hibernate, AOP, JUnit5, Mockito
- **Tools:** PostgreSQL, Redis, Maven, Docker, GIT, Jenkins
- **Platforms:** Amazon Web Services (AWS)

## EXPERIENCE

- **INFINX Services Pvt. Ltd.**  
*Software Engineer - 2 (Full-time)* August 2023 - present
  - Developed multiple RESTful APIs using Java Spring Boot in a microservices architecture, supporting 1,000+ daily users and reduced API response time by 25%
  - Integrated Kafka for async communication to ensure building scalable and decoupled applications.
  - Involved in understanding requirements, developing technical solutions, solving bugs and participating in code reviews with team lead.
  - Improved system scalability and performance by integrating key AWS cloud services within microservices architecture.
  - Gained exposure to automation development using Python libraries such as OpenCV, Pywinauto, and Pyautogui for automating workflows and tasks.
- **Factr.in**  
*Java Android Developer (Internship)* Dec 2021 - Feb 2022
  - Worked on a production level Ed-tech app using Java programming language and MVVM architecture.
  - Completed the assigned tasks of designing complex UI and integrating API's.

## PROJECTS

- **IAS (Infinx Automation Solution):** Worked with PostgreSQL and Spring Data JPA for efficient database interactions. Gained hands-on experience integrating AWS services, including SQS, S3, and AWS MSK (Kafka), with backend systems. Implemented distributed locking in microservice architecture.
- **Social Media Backend Microservices:** Developed a social media platform using Spring Boot microservices, leveraging Kafka for async events, Feign for inter-service communication, API Gateway with Eureka for routing and discovery, Config Server for centralized configuration, and Neo4j to manage user connections. (February '25)
- **Hotel Management Backend System:** Built a hotel booking system using Spring Boot, Spring Data JPA, and Spring Security with inventory management, role-based access control, and Stripe integration for payments via webhooks. (January '25)

## EDUCATION

- **St. Francis Institute Of Technology** Mumbai, India  
*Bachelor of Engineering (B.E) Information Technology - CGPA: 9.15* June 2019 - June 2023

## HONORS AND AWARDS

- Awarded title of Shining Star for exceptional contributions made at work - November, 2024

## CERTIFICATIONS

- **AWS Certified Cloud Practitioner** Sep 2024 - Sep 2027  
Platform: AWS Training and certification
- **Master Spring Boot 3 and Spring Framework 6 with Java** March 2024  
Platform: Udemey