

# Rajya Lakshmi Nakka

## Senior Full Stack Engineer

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## Education

### B.Tech in Computer Science Engineering

SASTRA UNIVERSITY, THANJAVUR |  
June 2015 - August 2019

- Completed coursework in algorithms, data structures, developing a solid understanding of fundamental concepts in computer science.
- Engaged in internships and co-op programs to gain practical experience in the field. Worked at a technology company as a software engineering intern, where I contributed to the development of application further enhancing my industry knowledge.

## Key Skills

- JAVA
- Node js
- React js
- Springboot
- Hibernate
- SQL
- AWS Services like Lambda,SQS,SNS,Step functions etc.,
- Effective usage of Design patterns
- Data structures and Algorithms
- High Level Design

Experienced Senior Full Stack Engineer with over 5 years of expertise in developing scalable and efficient software solutions. Proficient in multiple programming languages and frameworks, with a strong background in system design, architecture, and troubleshooting. A strategic problem-solver with a passion for innovation and continuous learning, dedicated to producing high-quality, cutting-edge software products.

## Professional Experience

### Senior Full Stack Engineer

HP Inc | August 2021 - Present

- Designed scalable backend systems using Java and MySQL to efficiently manage high volumes of user data.
- Proficient in optimizing application scalability through advanced techniques such as sharding and consistent hashing, ensuring seamless performance under high loads by accurately estimating and distributing workload across distributed systems.
- Enhanced code quality and performance through code reviews, best practices, and automated testing.
- Developed the Fulfillment Service (FFN) using TypeScript, Node.js, and AWS Lambdas to intelligently route fulfillments.
- Contributed to the Usage Service, handling printer ink levels and triggering fulfillment requests, utilizing Node.js, Spring Boot, Hibernate, and Java.

### Associate Full Stack Engineer

HP Inc | August 2019 - August 2021

- Developed a user-friendly frontend application for our internal Shipment Tracking Service from scratch. This service handles up to 8,000 incoming orders daily, significantly improving the experience for both customers and developers.TechStack: React,Typescript
- Developed a specialized service, the Shipment Tracking Service (STS), to monitor all orders in collaboration with various shipping companies such as DHL, FedEx, and Staples.TechStack: Typescript,Node js,AWS Lambdas.
- Contributed to a large-scale service, the Automatic Reordering of Consumables (ARC), which manages fulfillment needs, maps them to specific resellers, and ultimately ensures their completion.TechStack: Node js,Spring boot,Hibernate,java.

## Accomplishments

### Top 25% Performers

Scaler

Completed almost 80% of the coding problems by using effective problem solving skills.

<https://www.scaler.com/academy/profile/b67a0087ce4e/>

### Silver badge

Hackerrank

Gained Silver badge by solving coding questions with best problem solving skills.