

# SHASHIKAR ANTHONI RAJ

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## Objective

Actively seeking software intern or co-op opportunities with availability from May 2024 to December 2024.

## Education

### Northeastern University

*Master of Science in Information Systems*

Sep, 2023 – Present

*Boston, MA*

### National Institute of Technology - Warangal

*Bachelor of Technology in Computer Science & Engineering*

Sep, 2017 – May, 2021

*Telangana, India*

## Technical Skills

**Languages:** Java, C, Python, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, IntelliJ, Github, Netbeans, Postman, Rally, Jira, APIM, Dev C++

**Technologies/Frameworks:** React, Node, Express, Mongo DB, Redux, MUI, Semantic UI, Typescript, HTML, CSS, Sass, SAP Hybris, Core Java, Spring MVC, Rest API, Groovy, Swing, AWS, ORM(Mongoose, Hibernate)

**Databases:** MySQL, Postgres, Oracle Cloud DB, MongoDB

**Cloud Tech:** AWS(EC2, S3, IAM), GCP (GCE, VM, VPC, Machine Images), Azure, Terraform, HCP Packer, Jenkins

## Relevant Coursework

- Data Structures and Algorithms
- Web Design and User Experience Engineering
- Application Development Engineering
- Database Management Systems
- Cloud Computing and Network Structures
- Object Oriented Programming

## Experience

### Ford Motor Company Private Ltd

*Software Development Engineer, E-Commerce China Team*

July, 2021 – July, 2023

*Chennai, India*

- Successfully integrated Payments API and Discount REST API into the E-Commerce system, enhancing the overall functionality of product-based projects. This involved designing API contracts according to business requirements.
- Implemented REST APIs, developed features and fixed bugs for various business scenarios, including the creation of a delivery dates REST API, contributing to improved user experience and operational effectiveness.
- Designed and implemented a cron job to systematically remove orders with expired delivery dates, optimizing order management processes and maintaining data integrity.
- Conducted comprehensive end-to-end testing using tools such as Postman and BackOffice, validating the functionality and integrity of developed features. Utilized Jenkins for streamlined testing and deployment processes, ensuring the timely delivery of the latest release.

### Doha Bank

*Software Intern*

May, 2019 – Aug, 2019

*Doha, Qatar*

- Participated in informative sessions with security, network, database, and storage teams, gaining a comprehensive understanding of the bank's IT department operations.
- Played a key role in refining API responses and actively enhancing overall system functionality. Additionally, compiled a comprehensive report synthesizing my internship experience, presenting a thorough overview of learning to my mentors.

## Projects

### LocAll – Community Centric Platform | Full Stack Web App | Github 🐙

November, 2023

- Designed a web application called LocAll, a community-focused web app connecting users with local events, marketplace activities, and donations. Verified users can update the app with events, happenings, marketplace items, and donations.
- Utilized a robust tech stack, comprising Express, Node.js, MongoDB, and Mongoose for the backend, and React, Material-UI, Redux, Sass, and Typescript for the frontend

### Cloud Web Application | Java Cloud Application | Github 🐙

September, 2022

- Developed cloud-native backend web applications with strict API standards using SpringBoot, Hibernate and Terraform for Infrastructure as Code (IaC) to build resources such as VMs, Cloud SQL, VPCs, etc., on platforms like Google Cloud Platform (GCP).
- Implemented CI pipelines with GitHub Actions for testing, packer image builds, and cloud resource provisioning. Orchestrated serverless architecture with Google Cloud Functions and Pub/Sub for real-time event-driven email notifications and database updates, coupled with DNS configurations, load balancing, and autoscaling for robust and scalable cloud-native solutions