

# Mohamed Sharukh Shaji

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## SUMMARY

Experienced software engineer with a background in working with EdTech, Health, and Retail industries.

## EDUCATION

### University of Cincinnati

Master of Science in Information Technology, GPA: 4.0

Cincinnati, OH

Aug 2022 – Dec 2023

### Anna University

Bachelor of Engineering in Electronics and Communication

Chennai, India

Aug 2015 – Apr 2019

## EXPERIENCE

### Full stack developer Intern

Sept 2023 – Dec 2023

Nuubi Inc

Miami, FL

- Developed a Full-stack **E-learning** application for students using **React, Node, Express, and React Native**.
- Designed a real-time messaging system, elevating user engagement, through the utilization of **Socket.IO**.
- Achieved a 40ms reduction in **PostgreSQL** database query execution time optimizing the database architecture.
- Reduced API latency from 10 to 3 seconds via **REST APIs** employing microservices architecture on **AWS Lambda** to serve 10k+ students.

### Software Engineer

July 2021 – Aug 2022

Infosys

Bangalore, India

- Developed server-side web services in **Java** using Spring Boot for a **Health care platform**.
- Employed **Redux** for state management, leading to a decrease in load times and increase in app responsiveness.
- Implemented concurrent SQL Server database updates, boosting application performance by 40%.
- Leveraged **Docker** to containerize Frontend and API for easy deployment and scalability.
- Established automated build processes using **Azure Pipelines**, replacing outdated manual developer workflows.

### Software Engineer

Nov 2019 – Feb 2021

Cognizant

Pune, India

- Modernized the UI using **React**, and implemented key features for the **Ecommerce** platform, resulting in an elevated user experience.
- Improved user satisfaction by 2x points through Java-based RESTful APIs with **Spring Framework**.
- Dockerized **microservices** and automated daily builds, reducing processing time using **Jenkins CI/CD**.
- Performed **Code reviews** and Rectified 100+ security vulnerabilities to improve security and **Documented** the process for future use across the organization.
- Decreased project delivery time and cut costs by \$300K via the implementation of **Agile** methodologies.

## PROJECTS

### SpeedEats | *React, Redux, Node, Express, MongoDB, HTML, CSS* | [Link](#)

- Built a food delivery app incorporating cart functionalities and integrating a secure payment gateway.
- Spearheaded the implementation of robust user authentication mechanisms, and elevated the search capabilities.

### College Enquiry Bot | *Google Cloud, Google Dialogflow* | [Link](#)

- Designed a cloud-based chatbot for college inquiries using Google Dialogflow.
- Enabled real-time responses to student queries on school information and course-related matters.

### Other projects : [MealPlan-app](#) | [Keeper](#) | [Weather-app](#) | [CRUD](#) | [Emojipedia](#)

## TECHNICAL SKILLS

**Technologies:** Java, Python, JavaScript, TypeScript, XML, Unix

**Frameworks:** React, AngularJS, NodeJS, ExpressJS, JQuery

**Databases:** MySQL, SQL Server, PostgreSQL, NoSQL, MongoDB

**Cloud:** Microsoft Azure, AWS, Docker, Kubernetes

**Tools:** Git, Postman, Jira, Visual Studio Code