


# Rajesh Bammidi

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## EDUCATION

### UNIVERSITY AT BUFFALO

#### MASTER'S IN COMPUTER SCIENCE

Aug 2022-Dec 2023 | Buffalo,  
New York  
GPA:3.9 / 4.0

### LOVELY PROFESSIONAL UNIVERSITY

#### BACHELOR'S IN COMPUTER SCIENCE

Aug 2016-May 2020 | India, Punjab  
CGPA:9.32 / 10.0

## SKILLS

• Java • C++ • C • JavaScript • Python  
• TypeScript • Kotlin • ReactJS  
• Algorithms • HTML-CSS • SQL  
• MicroServices • Android Development  
• PostgreSQL • Parallel Algorithms  
• Jmeter • SpringBoot • Git  
• Azure • ExpressJS • Nodejs  
• MongoDB • Database Design  
• Object Oriented Design  
• Data Structures • Design Patterns

## COURSEWORK

### GRADUATE

Design And Analysis Of Algorithm  
Distributed Systems  
Modern Network Concepts  
Data Models Query Lang  
Algorithms for Modern Computing  
Systems  
Parallel Algorithms  
Intro to Machine Learning

### UNDERGRADUATE

Computer Organization and Design  
Formal Languages and Automation Theory  
Operating Systems  
Computer Networks  
Artificial Intelligence  
Android App Development

## LINKS

LeetCode:// [rajeshbammidi](#)  
LinkedIn:// [rajeshbammidi](#)  
YouTube:// [rajashaatrayan](#)

## EXPERIENCE

### UNIVERSITY AT BUFFALO | GRADUATE TEACHING ASSISTANT

JAN 2023 – Present | New York, USA

- Supporting Professor Sreyasee Das Bhattacharjee in the Data Models and Query Languages (CSE 460/560) course.

### URBAN COMPANY | SOFTWARE DEVELOPMENT ENGINEER 1

DEC 2020 – AUG 2022 | Bengaluru, India

- Designed and implemented scalable backend services using NodeJs, ExpressJs, and MongoDB, contributing to the development of each microservice and establishing a solid foundation for revamping the entire matchmaking backend services.
- Improved API response time and optimized service provider selection by implementing capacity and matchmaking filters using Typescript, resulting in the better overall performance of the platform.
- Migrated native Android provider app screens to React Native using the in-house framework called Orion, enhancing user experience and platform compatibility.
- Worked collaboratively with cross-functional teams, including frontend developers and designers, to ensure seamless integration of backend services into the overall platform, resulting in a cohesive and efficient system.

### NCR CORPORATION | SOFTWARE ENGINEER 1

JAN 2020 - DEC 2020 | Hyderabad, India

- Developed robust web applications for financial banks, leveraging ReactJS and Spring Boot to create responsive and scalable user interfaces and backend systems.
- Monitored and reported on system resource consumption trends using Jmeter and GCP, ensuring that production systems met availability requirements, and that hardware upgrades were scheduled appropriately to maintain optimal performance.
- Led and mentored a team of interns, developing an organizational hiring platform using ReactJS and SpringBoot, from ideation to deployment, resulting in a successful product that met business requirements and delivered significant value to the organization.
- Contributed to code reviews and design discussions, ensuring that the team followed best practices and created high-quality, maintainable code.

## PROJECTS

### PROJECT ENIGMA Nov 2022 – Dec 2023

Designed and implemented a production-ready PostgreSQL database for the Home Services industry. Developed a user-friendly interface with advanced SQL query capabilities to efficiently manage customer, service, technician, and appointment data. Ensured scalability to accommodate growth and meet the changing needs of the business.

### MPOKKET E-WALLET Oct 2018 – Nov 2018

This is a fully functional e-wallet-based mobile app that enables students to request funding from lenders. I designed this specifically for students at LPU, utilizing Firebase, Material Design, RecyclerView, ViewPagers, and local storage persistence.