GOPI KRISHNA KUNCHAM

linkedin.com/in/gopi-krishna-kuncham| gopikrishnak9133@gmail.com | +1(940)843-0650 | Dallas, Texas

EDUCATION

Master of Science in Computer Science   **Dec 2025**
University of North Texas, Denton, Texas   GPA: 3.8

Bachelor of Technology in Electrical & Electronics Engineering   **Aug 2021**
JNTUK University, Kakinada, India   GPA: 3.6

WORK EXPERIENCE

Software Development Engineer   **LTIMindtree, India**   **Jan 2022 – Nov 2023**

- Engineered and launched multiple web applications using the **MERN** stack, significantly improving user engagement and load times.
- Implemented **RESTful APIs** using **Node.js** and **Express.js**, enhancing data retrieval efficiency and reducing server response time.
- Architected and deployed Android applications using **Flutter** and **Dart**, leveraging **Firebase** for real-time data management, leading to improved user retention rates.
- Utilized robust version control practices using **GitHub**, minimizing merge conflicts and improving team collaboration efficiency.
- Optimized database queries and implemented indexing strategies in **MongoDB**, resulting in improving query performance and reducing database load.
- Extensively used **JavaScript** for front-end development, creating interactive and responsive user interfaces.
- Designed and deployed responsive and scalable web applications using **Angular** framework, implementing component-based architecture and services.

Software Development Intern   **LTIMindtree, India**   **Aug 2021 – Dec 2021**

- Contributed to the development of a **React.js** web application with **MySQL** integration, implementing responsive **UI** components that improved user experience.
- Developed **RESTful** services using **Spring Boot**, enhancing backend functionality and improving application performance.
- Conducted comprehensive testing using **Agile** and **Waterfall methodologies**, identifying and resolving critical bugs before production release.
- Actively participated in daily **Scrum** meetings and **sprint** planning sessions, contributing to increase in team velocity and on-time project delivery.

TECHNICAL SKILLS

Programming Languages:	Java, Python, JavaScript
Web Technologies:	HTML5, CSS, JSON
Frameworks/Libraries:	React, Node.js, Angular, Spring Boot
Database Management:	MySQL, SQL Server, MongoDB, JDBC
Web Services:	RESTful APIs
Tools:	Git, GitHub, Postman, Firebase, Maven
IDEs:	Eclipse, Visual Studio, Android Studio, IntelliJ IDEA
Software Methodologies:	Agile, Waterfall
Operating Systems:	Windows Server, MacOS

ACADEMIC PROJECTS

Information Retrieval System, University of North Texas

- Developed high-performance a **Java** application that enhanced document retraval processes, implementing advanced techniques including Forward & Inverted indexing, IF-IDF, and vector space modeling.
- Achieved significant improvement in search query accuracy and reduction in retrieval time through optimized indexing algorithms.
- **Technologies**: Java, Eclipse IDE

ACTIVITIES AND ACHIEVEMENTS

- Secured 3rd place among 19 competing colleges in a university-hosted computer science workshop, solving algorithmic challenges under time pressure.
- Led the Placement Cell as the placement Coordinator from 2019 to 2021, successful in placementing students.
- Managed library operations as a Library Assistant, improving resource organization and accessibility for all students.