

GOPI KRISHNA KUNCHAM

[linkedin.com/in/gopi-krishna-kuncham](https://www.linkedin.com/in/gopi-krishna-kuncham) | gopikrishnak9133@gmail.com | +1(940)843-0650|Denton, Texas

EDUCATION

Master of Science in Computer Science University of North Texas, Denton, Texas	Dec 2025 GPA: 3.9
Bachelor of Technology in Electrical & Electronics Engineering JNTUK University, Kakinada, India	Aug 2021 GPA: 3.8

WORK EXPERIENCE

Software Development Engineer	LTIMindtree, India	Jan 2022 – May 2023
<ul style="list-style-type: none">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.		
Graduate Teaching Assistant	University of North Texas, Denton	Jan 2025 – Dec 2025
<ul style="list-style-type: none">Assisted professors in delivering undergraduate computer science courses by conducting lab sessions, clarifying concepts, and supporting students with assignments and projects.Evaluated assignments, quizzes, and exams with accuracy and consistency, providing clear feedback that improved student understanding and performance.Mentored students during office hours, resolving technical issues related to programming, debugging, and coursework while reinforcing core CS fundamentals.		

TECHNICAL SKILLS

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

ACADEMIC PROJECTS

Job Portal Web Application, University of North Texas
<ul style="list-style-type: none">Led the development of a dynamic job portal platform that facilitates job postings, applications, and user profile management for students and recruiters.Implemented core features such as user authentication, job listings, application tracking, and role-based access using Flask and SQLite.Integrated a rule-based AI chatbot to assist users with FAQs and navigation within the portal.Collaborated with a 4-member team using Agile methodology, sprint planning using Trello.Technologies: Flask, Python, HTML, CSS, JavaScript, SQLite, Trello
Airlines Reservation System, University of North Texas
<ul style="list-style-type: none">Led the development of a full-stack airline reservation system supporting flight search, seat selection, booking, and role-based workflows for passengers and administrators.Built secure backend services using Node.js and Express with JWT authentication, RESTful APIs, and MySQL to manage flights, routes, schedules, pricing tiers, seats, and bookings.Designed a normalized relational database with 16+ interlinked tables, foreign keys, and constraints to ensure data integrity across reservations, payments, and seat availability.Developed a responsive React frontend with real-time seat status, booking flow, and admin dashboards, integrating backend APIs using Axios and React Query.Technologies: React, Node.js, Express.js, JavaScript, MySQL, HTML, CSS, Git, VS Code