

# Sreenivasa Raju Konduru

Software Engineer | Backend, Full-Stack & Systems Development

Java • Python • C#/.NET • C/C++ • SQL • Cloud

352-721-4569 | [kondurusreenivasaraju1@gmail.com](mailto:kondurusreenivasaraju1@gmail.com) | [LinkedIn](#) | [Portfolio](#)

## EDUCATION

### University of Florida, Gainesville, FL

Aug 2023 – May 2025

Master of Science in Computer Science — CGPA: 3.59 / 4.0

Relevant Coursework: Advanced Data Structures, Analysis of Algorithms, Distributed Operating Systems, Database Management Systems, Advanced Computer Networks, Machine Learning Engineering

## CERTIFICATIONS

### AWS Certified Solutions Architect – Associate • Salesforce Platform Developer I

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C#, C++, C, JavaScript, SQL

**Backend & Systems:** Spring Boot, ASP.NET Core (.NET 6/7), FastAPI, REST APIs, Microservices

**Frontend:** React, Angular, HTML, CSS

**Databases & Storage:** PostgreSQL, MySQL, MongoDB, Oracle

**Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD, Git

**Core CS Concepts:** Data Structures, Algorithms, Object-Oriented Design, Distributed Systems, Operating Systems, DBMS

**AI Exposure:** Assisted systems through backend API integration and semantic search techniques

## EXPERIENCE

### Software Engineer (Full-Time)

Aug 2025 – Present

*University of Florida – Transportation & Parking Services, Gainesville, FL*

- Developed and maintained backend and full-stack components supporting permit, parking, and financial systems used across the university.
- Built Python-based automation and backend integrations that improved system reliability and streamlined operational workflows.

### Software Engineer (Student)

Sep 2024 – May 2025

*University of Florida – Transportation & Parking Services, Gainesville, FL*

- Implemented Python-based automation to reduce manual effort in permit, parking, and financial workflows.
- Developed accessible, responsive web interfaces using UF Mercury WordPress in compliance with WCAG guidelines.

### Software Development Engineer

Apr 2021 – Aug 2023

*Tata Consultancy Service (TCS), Chennai, India*

- Built and supported backend services using Java and C#/.NET, applying object-oriented design and microservice architecture in enterprise BFSI systems.
- Led CyberArk PAS migration, eliminating hard-coded credentials and enabling secure, automated secret management.
- Integrated CyberArk AIM APIs to enable dynamic credential retrieval and rotation across environments, enhancing security posture and eliminating manual secret handling.
- Supported CI/CD pipelines and resolved production issues through log analysis and system monitoring.

## Projects

### Task Manager Application

*Java, Spring Boot, React, PostgreSQL, Docker*

- Designed and developed a full-stack task management system using object-oriented design principles, REST APIs, and SQL-based persistence.
- Containerized services using Docker for consistent development and deployment environments.

### LLM Portfolio (AI-Assisted Application)

*Python, FastAPI, REST APIs*

- Built an AI-assisted application using prompt-based API calls and semantic search to support natural-language question answering.
- Designed REST endpoints, request/response schemas, and backend logic to integrate LLM outputs with structured data retrieval.