

Sreenivasa Raju Konduru

Software Engineer | Backend, Full-Stack & Systems Development

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

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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.