

Sreenivasa Raju Konduru

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EDUCATION

University of Florida, Gainesville, FL

May 2025

Master of Science in Computer Science - CGPA: 3.59 / 4.00

Sathyabama Institute Of Science and Technology, Chennai, India

May 2020

Bachelor of Technology in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

Transportation & Parking Services (TAPS), University of Florida

Gainesville, FL

Frontend Web Developer

September 2024 – May 2025

- Developed intuitive and accessible interfaces using HTML5, CSS3, Bootstrap, and JavaScript (jQuery) to support web-based permit systems.
- Collaborated with backend engineers and operations staff to deliver seamless permit workflows including creation, modification, and cancellations
- Enhanced user satisfaction for UF students, staff, and guests by simplifying task flows and reducing support dependency.

Tata Consultancy Services (TCS)

Chennai, India

Software Engineer — Domain: BFSI (Banking, Financial Services & Insurance)

April 2021 – August 2023

- Built and maintained scalable Java backend systems using Spring Boot, supporting high-availability banking services and internal microservices through secure RESTful APIs.
- Optimized complex Oracle SQL queries and stored procedures to enhance transaction performance and database efficiency.
- Led the credential migration to CyberArk Vault, streamlining access control and reducing manual intervention in secure environments.
- Collaborated in Agile teams, conducted peer code reviews, enforced CI/CD practices with Git, Jenkins, and JIRA, and resolved production issues using shell scripts and log analysis on Unix/Linux systems.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, Bash, JavaScript, TypeScript

Frontend: React, HTML, CSS, Responsive Design

Backend: Java (Spring Boot), Node.js, Python (Flask), REST APIs, Microservices

Databases: Oracle, PostgreSQL, MySQL, MongoDB, SQL Server (basic)

Cloud/Infrastructure: Docker, Linux/Unix, AWS (basic), CyberArk Vault

Developer Tools: Eclipse, IntelliJ IDEA, VS Code, Git, Jenkins, JIRA, qTest, Postman, Oracle SQL Developer, PuTTY, Splunk, New Relic, Kibana

Authentication/Security: CyberArk, LDAP, OAuth, JWT, Secure Coding Standards

Development Practices: Agile (Scrum), Unit Testing, API Debugging, CI/CD Pipelines, Version Control (Git), System Design Basics

PROJECTS

Crime Data Analysis for Safer Communities | *React, Flask, Python, SQL, Postman*

- Built a full-stack web application to analyze crime data in Chicago using React for the front end and Flask for the backend.
- Designed and optimized 5 dynamic trend queries to visualize crime types, geolocation, day-wise, and seasonal patterns with interactive charts.
- Integrated a relational database and RESTful APIs to deliver responsive crime analytics with real-time data rendering and filtering.

Task Manager Web App | *React, Node.js, Express.js, MongoDB*

- Developed a secure task management application with user authentication and CRUD features using the MERN stack.
- Implemented JWT for session management and integrated state management with React hooks to enhance UI responsiveness.
- Optimized backend performance and API response times, improving data handling efficiency and user experience.

Library Management System | *Java, Red-Black Tree, Min Heap*

- Developed the Gator Library Management System to streamline book inventory, borrowing, and reservation workflows.
- Utilized Red-Black Tree structure for efficient book storage and retrieval operations.
- Integrated Binary Min Heap to prioritize and process book reservations, demonstrating strong understanding of custom data structures and OOP.