

# Sriram PS

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## PROFILE

Software Engineering and AI ML undergraduate skilled in full-stack development, backend systems, and scalable software design. Proficient in Java, Python, JavaScript, SQL, and MongoDB with experience in building real-time web applications and database-driven solutions. Seeking a software engineering role to contribute to and grow through real-world product development.

## EDUCATION

<b>Bachelor of Engineering in Artificial Intelligence and Machine Learning</b> <i>Nitte Meenakshi Institute of Technology, Bangalore</i>	<b>2023 – 2027</b> CGPA: 8.5/10
<b>Pre-University Education (PCMC)</b> <i>Vidya Mandir Independent PU College, Bangalore</i>	<b>2021 – 2023</b> Percentage: 94.66%

## TECHNICAL SKILLS

- Programming Languages:** Java, Python, C/C++, JavaScript
- Web Technologies:** HTML5, CSS3, JavaScript, Bootstrap, REST APIs, JSON
- Concepts:** OOP, Data Structures & Algorithms, Design Patterns, SOLID Principles, SDLC
- Technologies/Frameworks:** Spring, J2EE, Servlets, JSP, FastAPI, Flask, Microservices Architecture, WebSockets
- Databases:** OracleDB, PostgreSQL, MongoDB
- Developer Tools:** Git, Linux, Docker (basic), IntelliJ IDEA, VS Code, Postman

## INTERNSHIPS

<b>Project Intern – Smart Parking Management System</b> <i>Latavya Technologies</i>	<b>Apr 2025 – Mar 2026</b> Bangalore, India
<ul style="list-style-type: none"><li>Developed a full-stack web application for the Bangalore Traffic Police to enable real-time parking slot allocation, vehicle entry management, and monitoring.</li><li>Designed and implemented backend services, REST APIs, and MongoDB database integration for efficient parking operations and data management.</li><li>Built responsive frontend interfaces and scalable application workflows to support dynamic real-time updates and system reliability.</li><li>Collaborated within an Agile development environment using version control and structured software engineering practices.</li></ul>	
<b>Embedded Linux Development Intern</b> <i>Loginware Softtech Pvt. Ltd.</i>	<b>Aug 2024 – Sep 2024</b> Bangalore, India
<ul style="list-style-type: none"><li>Built and configured a lightweight embedded Linux operating system using Buildroot and cross-compilation techniques.</li><li>Performed kernel customization and system-level configuration to improve performance, stability, and reliability.</li><li>Automated build and testing workflows while debugging low-level system issues and optimizing resource utilization.</li></ul>	

## PROJECTS

- Food Delivery and Tracking System**  
**Tech stack: Java, J2EE, Spring, Servlets, JSP, OracleDB, WebSockets**  
Designed and developed a scalable backend using MVC architecture for user, order, payment, and restaurant management. Built RESTful APIs, integrated OracleDB for persistent storage, and developed a microservices-based real-time tracking service using WebSockets, caching, and pub/sub mechanisms.
- Tourist Place Recommendation System**  
**Tech stack: Python, pandas, NumPy, scikit-learn**  
Developed a machine learning-based recommendation system to provide personalized tourist destination suggestions using user preference and dataset-driven analysis. Performed data preprocessing, feature engineering, and exploratory data analysis to improve recommendation accuracy and overall system performance.

## CERTIFICATIONS & ACHIEVEMENTS

<b>Treasurer – Diseno Divino UI/UX Club, NMIT</b> Managing club finances, budgeting, and event coordination for UI/UX initiatives	<b>2024 – Present</b>
<b>Java Programming Certifications</b> Duke University – Solving Problems with Software, Coursera – Java Class Library	<b>2025</b>
<b>Cardano Hackathon Asia (IBW 2025)</b> Grand Finalist among 5500+ teams for AI agents on blockchain	<b>2025</b>
<b>Tech Trail Hackathon</b> Winner for problem-solving and rapid challenge completion	<b>2024</b>