

SriHarsha Neelakantam

✉ sriharsha0816@gmail.com | 📞 8328009710
🌐 [linkedin.com/in/sriharshaneelakantam](https://www.linkedin.com/in/sriharshaneelakantam)

Skills

Programming: Java, Python, JavaScript

Web Technologies: HTML, CSS

Tools & Databases: Git, GitHub, MySQL

Core Concepts: Data Structures & Algorithms, OOP, SDLC, Debugging & Testing.

Work Experience

Java Developer Intern

July 2025 - Nov 2025

Kodnest Technologies, Bangalore

- Engineered an end-to-end Car Rental Management System using Java EE implementing a modular microservices architecture to handle vehicle inventory, booking engines, and user authentication.
- Designed and optimized a relational database schema in MySQL, utilizing indexing and complex joins to manage real-time car availability and prevent overbooking during peak periods.
- Implemented automated testing using JUnit and Mockito, achieving high code coverage and ensuring the reliability of critical business logic like fare calculation and late-return penalties.
- Used Git for version control and collaborated with cross-functional teams.
- Participated in code reviews and followed clean coding and documentation practices.

Education

Maturi Venkata Subba Rao Engineering College

B.E. in Electronics and Communication & Engineering

Dec 2021 - May 2025

Percentage: 80%

Narayana Junior College

Intermediate

Oct 2019 - May 2021

Percentage: 96.2%

Projects

Car Rental System

- Core Logic:** Developed using Object-Oriented Programming principles to represent entities like cars, users, and rentals, promoting modularity and reusability.
- User Interface:** Provides a simple interface for customers to browse available cars and check details like model, price, and availability.
- Admin Management:** Allows administrators to add new cars, update existing records, and manage user data efficiently.
- Automation:** Automatically calculates rental charges based on the car type and duration of use.
- Tracking:** Maintains a detailed history of bookings, including rental dates and return status for every transaction.

Advanced Footstep Power Generation

- Power Conversion:** Designed a system that converts human footsteps into electrical energy to charge mobile devices.
- Microcontroller:** Programmed an RFID-based system using the ATMEGA 328 Micro-controller and Arduino IDE.
- Access Control:** Utilizes RFID card authorization to register users, manage charging times, and provide secure access.
- Monitoring:** Features a real-time display for user validation and charging time status.

Awards and Certificates

- Oracle Certified:** Java Fundamentals.
- Udemy Certified:** Java .
- Udemy Certified:** Git & GitHub.