

# SATISH YARRABATHULA

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## CAREER OBJECTIVE

Entry-level Software Engineer with a strong foundation in Java, MySQL, HTML, and CSS. Passionate about software development, problem-solving, and building scalable applications. I am eager to contribute to team success through hard work, continuous learning, and dedication. Looking for a challenging opportunity to apply my academic and internship experience in a dynamic and growth-oriented organization.

## EDUCATION

**Master Of Computer Applications**, JNTU Kakinada, Andhra Pradesh

Dec 2021 – Feb 2024

- CGPA: 6.9/10

**Bachelor of Science**, Pithapur Rajah's Government College(A), kakinada

Jun 2018 – Sep 2021

- CGPA: 8.0/10

## TECHNICAL SKILLS

**Languages:** Java (Core & Advanced), SQL, PL/SQL, Python, HTML, CSS

**Frameworks & Technologies:** Spring Boot, JSP, Servlets, JDBC, Swing, REST APIs.

**Tools:** Eclipse, NetBeans, VS Code, Git, GitHub, JIRA, Jupyter Notebook, Postman, JUnit

**Concepts:** OOP, Multithreading, Exception Handling, Lambda Expressions, SDLC, agile Methodology, CI/CD pipelines, Microservices, Maven, Deployment, CRUD Operations, Version Control.

**SOFT SKILLS:** Strong communication and collaboration skills, Analytical thinker with a problem-solving approach, Effective time management in Agile environments.

## INTERNSHIP EXPERIENCE

**Software Engineer intern-** Salecalculator Private Limited, Hyderabad

Mar 2025 – May 2025

- Developed and maintained modules for a cloud-based retail SaaS application using Java and MySQL.
- Resolved bugs and optimized performance, improving application stability by 25%.
- Collaborated with cross-functional teams including QA and Technical Support to resolve customer-reported issues.
- Applied Agile methodologies and participated in sprint reviews and daily stand-up meetings.
- Gained practical experience in debugging, deployment, and version control (Git).

## PROJECTS

### Forecasting New Product Demand Using Machine Learning

- Objective: Developed a predictive model to forecast product demand based on historical sales data using machine learning techniques.
- Technologies Used: Python, Pandas, NumPy, Matplotlib
- Responsibilities: Data preprocessing, feature engineering, implementing predictive algorithms & model evaluation.
- Outcome: Achieved 85% accuracy in demand prediction, enabling better inventory planning.

### Hospital Management System

- Objective: Designed a Java-based application to manage patient registration, appointments & medical records.
- Technologies Used: Java, JDBC, MySQL, and Swing for GUI development.
- Responsibilities: Implemented modules for virtual consultation and automated doctor allocation. Ensured secure database operations and privacy compliance using MySQL and JDBC.
- Outcome: Reduced average patient wait time by 30% and improved doctor allocation efficiency.

## CERTIFICATIONS

**Full Stack Java Developer Certification**- Naresh IT, Hyderabad (2024)

**National Service Scheme (NSS) – Participation Certificate (2019)**

**National Cadet Corps – 'A' Certificate (Airforce) (2016)**