# Esther Preethi Mannem

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## Professional Summary

Aspiring Java/Python Developer pursuing a Master’s in Computer Science with a strong foundation in Java, Python, SQL, REST APIs, and OOP. Passionate about building efficient software solutions and eager to contribute to dynamic development teams.

## Technical Skills

• Programming: Java, Python, JavaScript, C  
• Frameworks & Tools: Spring Boot, Flask, REST APIs, Maven  
• Databases: MySQL, SQL Server, Oracle  
• Libraries: Pandas, NumPy, Scikit-learn, OpenCV  
• Concepts: OOP, SDLC, Data Structures, Algorithms  
• Version Control: Git, GitHub

## Projects

* Amazon Product Review Sentiment Analysis | Python, NLP, Machine Learning

- Built a model to classify product reviews as positive/negative using NLP techniques.  
- Used Pandas, Scikit-learn, and NLTK for preprocessing and classification.  
- Visualized sentiment insights using Matplotlib.

* Library Management System | Java, JDBC, MySQL

- Developed a CRUD-based console app to manage library books and students.  
- Used Java + MySQL with JDBC integration.  
- Applied OOP principles for modular design.

* Drowsiness Detection Using Facial Recognition | Python, OpenCV, APIs

- Implemented real-time detection of fatigue using facial landmarks.  
- Integrated APIs and automated alert mechanisms.  
- Applied OOP concepts for maintainable code.

## Education

Master of Science in Computer Science — Rivier University, USA

Expected Graduation: May 2025 | GPA: 3.7

Bachelor of Technology in Computer Science Engineering — JNTUK, India

Graduated: 2023 | GPA: 7.3 / 10

## Certifications

• Cisco Networking Essentials (Completed)  
• Cisco Cybersecurity Essentials (Completed)