

# RETHIKA M

## B.E Computer Science Engineering

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### My Contact

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📍 Ayappakkam, Chennai-77

### Hard Skill

- Python, Java, React, SQL
- Web Development
- Full Stack Development
- Machine Learning, Cyber Security.

### Soft Skill

- Communication, Creativity
- Adaptability, Leadership
- Team Collaboration, Time Management

### Known Tools

- Git, GitHub
- Burp Suite, Nmap, OWASP
- MongoDB compass, postman

### Education Qualification

- **S.A Engineering College**  
BE-Computer Science Engineering  
2025 Cgpa-8.53
- **VELAMMAL MATRIC School**  
Biology With Math  
12th - Completed in 2021 (78%)
- **VELAMMAL MATRIC School**  
10th - Completed in 2019 (67%)

### Certificates

- ✓ AWS Cloud Practitioner Certification
- ✓ Accenture Development & Advanced Coding
- ✓ CyberSecurity- Forge

### About Me

I am Rethika a computer science engineering Student. I have developed my skills on java, python, full stack, web development and problem solving. I used to gain more knowledge to be updated on this domains and I am eager for an opportunity to develop my skills to Industry standards.

### Professional Experience

#### • DIGI Alert

Cyber security Intern

Burp Suite - OWASP- Nmap Scanning- Network Scanning

May 2024 - June 2024

#### • Global Tech Solution

Machine Learning Intern

Python - TensorFlow, and Scikit-learn to build ML models

May 2023 - June 2023

### Projects

#### ➤ Women Safety System using AIML & Hand Gesture

Developed a safety alert system using webcam input to recognize distress hand gestures. Utilized MediaPipe, OpenCV, and machine learning (Naive Bayes, Decision Trees, Gradient Boosting) to send emergency alerts with live location.

#### ➤ Store Sales Prediction using Machine Learning

Designed a sales prediction system using Random Forest on historical retail data. Achieved a 20% improvement in accuracy and enhanced inventory planning. **Tech Stack:** Python, Media Pipe. **Features:** Predicts daily/monthly sales with high accuracy, Considers seasonality and promotion data, Achieved 20% lower MAE VS traditional forecasting

#### ➤ Chatbot using NLP and Conversational AI

Created a conversational AI chatbot using NLP and Python. Trained on large datasets to respond accurately to user queries, improving user engagement and experience. **Tech Stack:** Python, NLTK/SpaCy, Flask (For Web interface) JSON / REST APIs.

### Declaration

I declare that the information in this resume is true to the best of my knowledge and belief. All information in this resume is right and truthful