

# Haritha Macharla

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## PROFESSIONAL SUMMARY

Software Developer with hands-on experience in full-stack development, backend engineering, and cloud-based software systems. Skilled in Java, Python, C++, React, Node.js, SQL, Git, debugging, testing, and scalable architecture. Strong foundation in algorithms, OOP, SDLC, and Agile. Passionate about building reliable, high-performance applications and contributing to innovative software engineering teams at Resnet Solutions.

## SKILLS

**Languages:** Java, Python, C++, JavaScript, SQL

**Frameworks:** ReactJS, Node.js, Flask

**Databases:** MySQL, MongoDB

**Tools:** Git, GitHub, Docker, CI/CD, VS Code

**Engineering:** SDLC, OOP, Debugging, Unit Testing, Agile, REST APIs

**Cloud:** Azure (Basics)

**Soft Skills:** Problem-Solving, Teamwork, Ownership, Documentation

## EXPERIENCE

### Software Developer Intern—Swecha Foundation

Jun 2024 – Jul 2024

- Developed and deployed Python-based automation applications improving performance and reliability.
- Collaborated with cross-functional teams using Agile + Git workflows.
- Debugged, refactored, and optimized code to reduce processing time.
- Implemented backend logic and REST API integrations.

### AI & Cloud Intern—IBM SkillsBuild, Edunet Foundation

Sep 2025 – Oct 2025

- Built cloud-enabled applications and performed testing + debugging.
- Participated in full SDLC phases: planning, implementation, testing, deployment.

## PROJECTS

### PhishGuard — AI Phishing Detection System

Python, Flask, SQL, Machine Learning

- Built ML-based phishing classification engine with URL feature extraction.
- Improved detection accuracy using performance tuning + testing.

### Rent A Ride — Full-Stack Web Application

Node.js, SQL, HTML/CSS

- Developed login, booking, and payment workflows.
- Designed modular backend architecture and database schema.

### Gemini Chatbot — AI Assistant

Python, REST API

- Integrated Gemini API for real-time chatbot response generation.

## EDUCATION

### B.Tech — Computer Science Engineering

ACE Engineering College

2023 – 2026

CGPA: 8.98

### Diploma — Computer Science Engineering

Megha Institute of Engineering

2019 – 2022

CGPA: 8.9

## CERTIFICATIONS

IBM Data Analysis • Cisco Python Essentials • Azure AI Fundamentals • AI/ML Internship