

CHAVVA MARIYA RAJIV REDDY

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 LinkedIn Profile
 GitHub Profile

CAREER OBJECTIVE

A highly motivated CSE student with a strong foundation in programming, software development, and emerging technologies. Seeking an opportunity to contribute to innovative, real-world solutions in a forward-thinking organization, while continuously expanding my technical expertise and problem-solving capabilities in areas such as AI/ML, Full-stack development, and Cloud Computing.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C, C++, Python, Java, Node.js, Firebase

Cloud Technologies: AWS, GCP

Web Technologies: HTML, CSS, JavaScript, React, Flutter

Database / Storage Systems: MySQL, MongoDB

Relevant Coursework: DSA, DBMS, OS, Networks, Data Analytics, AI, ML, SDLC

Areas of Interest: AI/ML/DS, Web Development, App Development, UI/UX Design, Cloud and Quantum Computing

Key Skills: Consistency, Self-learning, Adaptability

Languages: English, Telugu, Hindi

EDUCATION

- | | |
|---|----------------------------|
| • Bachelor of Technology in Computer Science and Engineering | <i>Oct 2022-May 2026</i> |
| <i>Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.</i> | CGPA: 8.62 |
| • Intermediate | <i>Jun 2020-April 2022</i> |
| <i>M.P.R.M Junior College.</i> | CGPA: 9.72 |
| • High School | <i>2020</i> |
| <i>Sri Viswasanthi E.M High School.</i> | CGPA: 10 |

PROJECTS

- | | |
|---|----------------------|
| • Sustainable Farming with AI : Real-Time Plant Disease Monitoring | <i>2024</i> |
| <i>Epics Project</i> | |
| – Developed an AI-driven system for Sustainable Farming with Real-Time Plant Disease Monitoring using advanced machine learning and computer vision techniques. Utilized Convolutional Neural Networks (CNNs) for image recognition of plant diseases, IoT sensors for real-time environmental data collection, and AI-powered predictive analytics to monitor plant health and optimize crop yield. Integrated edge computing for on-site processing and cloud platforms for data storage and model updates, ensuring an efficient and sustainable farming solution. | |
| Technology Stack: Python | |
| • AI for Threat Detection and Incident Response | <i>2025-on going</i> |
| <i>Mini Project</i> | |
| – Developed an AI-driven system for Threat Detection and Incident Response using advanced machine learning and Natural Language Processing (NLP). Leveraged Transformer-based models such as BERT and GPT for real-time threat analysis, anomaly detection, and automated incident response. Integrated a hybrid approach combining CNN + BiLSTM architectures, supervised learning, and unsupervised clustering for precise threat identification and effective mitigation strategies. | |
| Technology Stack: Python | |

Portfolio

- Developed a dynamic portfolio website using HTML, CSS, JavaScript, React, showcasing projects and skills with an interactive, responsive design for seamless navigation across devices.
Technology Stack: HTML, CSS, JavaScript, React
Portfolio Link: <https://portfolio-mauve-eight-64.vercel.app/>

Personal Notes

- A minimal Supabase backend for a personal notes service. This service allows users to create, store, and retrieve notes securely with authentication. **https://github.com/MariyRajiv/Notes**
Technology Stack: HTML, CSS, JavaScript, TypeScript, Supabase

Multi-Agent Document Processing System

- A lightweight multi-agent AI system that classifies and processes PDF, JSON, and email documents while maintaining shared context for traceability.
- Technology Stack:** Python, LLM Integration

Weather Dashboard

- Developed a Weather Dashboard using React.js, integrating OpenWeather API for real-time weather data. The application allows users to search for cities and view key weather information such as temperature, humidity, and wind speed in an interactive and responsive interface.
- Technology Stack:** HTML, CSS, JavaScript, React
- Link:** <https://weather-dashboard-seven-roan.vercel.app/>

INTERNSHIP

–Google Virtual Android Developer Intern

Eduskills

Oct 2024 – Dec 2024

- * Kotlin Programming – Learned Kotlin syntax and object-oriented concepts for Android development.
- * App Development UI Design – Built interactive Android apps using Jetpack Compose and XML layouts.
- * API Database Management – Integrated REST APIs and managed data with Room Database Firebase.

–AWS Virtual Cloud Architect Intern

Eduskills

Jul 2024 – Sep 2024

- * Cloud Computing Fundamentals – Understand AWS architecture, services, and deployment models.
- * AWS Services Management – Learn to use EC2, S3, RDS, and IAM for scalable cloud solutions.
- * Security Cost Optimization – Implement best practices for cloud security, monitoring, and cost efficiency.

CERTIFICATIONS

- Salesforce AI Associate
- C++ , R Software (issued by NPTEL)
- Programming Essentials in Python (issued by Cisco Networking Academy)
- AWS Cloud Architect (issued by Eduskills Foundation)
- NDG Linux Essentials (issued by Cisco Networking Academy)
- Introduction to Data Science Using Python (issued by edX)
- Google Android App Developer (issued by Eduskills Foundation)

ACHIEVEMENTS

- Won 3rd Prize in TechXelerate Hackathon conducted by BITS Pilani Hyderabad Campus, held on March 22–23rd, 2025
- Secured 94% in JEE Mains and Rank 2726 in EAMCET

POSITIONS OF RESPONSIBILITY

●Volunteer at AI-Hackathon

2025

- Led an AI Web Design competition for 450+ attendees.
- Mentored and guided junior team members to successfully complete a 2-day event.

●Volunteer at Little Hands Organization

2023–Present

- Volunteering at Little Hands Organization (LHO), a nonprofit aiming to uplift underprivileged communities by providing essential support and resources.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the information presented in this document.

Place: Vijayawada
Date: June 05, 2025

Chavva Mariya Rajiv Reddy