

MARLA KARTHIKEYAN

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Career Objective

AI and software enthusiast with hands-on experience in Android development, Generative AI, and networking. Skilled in Python, Java, React.js, and cloud platforms, with practical exposure to projects like portfolio websites and student management systems. Holds multiple certifications in cloud computing, AI, and multicloud networking, demonstrating strong technical adaptability.

Experience

Google for Developers – EduSkills–AICTE

INTERN

Virtual

July 2025 – September 2025

- Learned the fundamentals of **Android app development** using **Kotlin** and **Android Studio**.
- Designed and implemented user interfaces following **Material Design principles** with activities, layouts, and components.
- Developed and deployed sample Android applications integrating **Firebase Authentication** and **Real-time Database**.

Google Cloud – EduSkills–AICTE

INTERN

Virtual

April 2025 – June 2025

- Gained practical exposure to **Generative AI** concepts including LLMs, **prompt engineering**, and AI-based content generation.
- Built and deployed AI models using **Google Cloud Vertex AI**, exploring tools like **PaLM API** and **Generative AI Studio**.
- Worked on hands-on labs and projects involving **text, image, and data generation** to understand real-world applications of gen AI.

Cisco Networking Academy – AICTE

INTERN

Virtual

May 2024 – July 2024

- Gained hands-on experience in **computer networking fundamentals**, including **IP addressing**, **routing**, and **network security** concepts.
- Worked with **Cisco Packet Tracer** to design and simulate real-world network topologies and troubleshoot configuration issues.
- Understood the principles of **network management**, **IoT connectivity**, and their role in modern communication systems.

Projects

Personal Portfolio Website

HTML, CSS, JAVASCRIPT, RESPONSIVE DESIGN, GITHUB PAGES

- Designed and developed a **responsive personal portfolio website** to showcase projects, skills, and achievements.
- Integrated **GitHub Pages** for live deployment and added smooth animations for an interactive user interface.

Student Management System

PYTHON, SQLITE, TKINTER (GUI), CRUD OPERATIONS

- Developed a **desktop-based application** to manage student records with **CRUD functionalities**.
- Used **SQLite** for backend data storage and **Tkinter** for building an interactive graphical user interface.

Weather Forecast Web App

HTML, CSS, JAVASCRIPT, API INTEGRATION (OPENWEATHER API)

- Built a **real-time weather application** that displays temperature, humidity, and conditions for any entered city.
- Integrated the **OpenWeather API** for fetching live weather data and rendering it dynamically using JavaScript.

Skills

Programming Languages: C, C++, Python, Java

Web Technologies: HTML, CSS, JavaScript, React.js, Git & GitHub

Libraries & Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn

Development Tools: Visual Studio Code, Jupyter Notebook, Eclipse IDE, MS Excel, Google Colab

Database Technology: MySQL

Core Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, Problem Solving

Certifications

Google Cloud Google Cloud Certified – Associate Cloud Engineer || **Certification Link**

Scrumstudy Scrum Fundamentals Certified (SFC) || **Certification Link**

Oracle University Oracle Cloud Infrastructure 2025 – AI Foundations Associate || **Certification Link**

Aviatrix Aviatrix Certified Engineer – Multicloud Network Associate || **Certification Link**

Education

Koneru Lakshmaiah University; CGPA: 9.69/10

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING (CSE)

Vijayawada, Andhra Pradesh

2023 – 2027

Narayana Junior College; CGPA: 9.6/10

INTERMEDIATE - MPC

Vijayawada, Andhra Pradesh

2021 – 2023