



# Ajay kumar Sangem

Roll No : 23885A6613

 GitHub Profile

 +91-7093134684

 ajaykumarsangem555@gmail.com

 LinkedIn Profile

## CAREER OBJECTIVE

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As a engineer with strong foundation in software development.I aim to deliver high- quality,scalable solutions.I am excited to work with a talented team and grow my knowledge .Seeking a Software Engineer role to leverage technical skills and contribute to the company's growth by delivering innovative solutions, leading collaborative projects, and continuously embracing new learning opportunities to drive excellence.

## EDUCATION

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- **Bachelor of Technology in Computer Science and Engineering(AI and ML)** 2023-26  
*Vardhaman College of Engineering, Hyderabad* CGPA: 8.3
- **Diploma in Computer Science** 2020-23  
*Sanjay Gandhi memorial Govt polytechnic college* CGPA : 9.69

## ACADEMIC PROJECTS

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- **Remote Code Executor for Multiple Programming Languages** March - May 2024  
*Designed a web-based platform allowing users to write, compile, and execute code with user authentication.*
  - RCE Compiler that allows users to write, compile, and execute code in multiple programming languages directly from the browser.
  - Technologies: HTML, CSS, JavaScript, Python, Docker.
- **Route Optimization System (OpenStreetMap)** Oct - Dec 2024  
*Developed a navigation system to calculate efficient routes between locations using OpenStreetMap data.*
  - Extracted and parsed OpenStreetMap (OSM) data to model road networks with nodes and edges.
  - Technologies: C++, CMaker.

## EXPERIENCE

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- **Associate Cloud Engineer Badges** Online  
*Online* Google Cloud  
April - Sep 2024
  - Successfully completed the Google Cloud Associate Cloud Engineer program, building proficiency in deploying applications, monitoring operations, and managing cloud resources on Google Cloud Platform (GCP).
  - Designed and implemented robust solutions utilizing GCP services such as Compute Engine, Cloud Storage, and Cloud Functions, driving scalability and optimizing system performance.
- **Data Science Virtual Internship** Hyderabad  
*Online* Prodigy Infotech  
Oct - Nov 2023
  - Processed and analyzed large datasets to derive actionable insights for strategic decision-making.
  - Developed predictive models using machine learning algorithms, enhancing product recommendations and customer segmentation.

## TECHNICAL SKILLS

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**Languages:** C++, Python, Java.

**Concepts:** Information Retrieval, Machine Learning, Data Compression, NLP.

**Technologies:** Git, Docker, Kubernetes, scikit-learn.

**Web Dev Tools:** ReactJS, NodeJS, HTML, CSS, JavaScript.

**Databases:** Relational Database(mysql).

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

## SOFT SKILLS

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Leadership Qualities, Problem-Solving, Adaptability and Flexibility, Critical Thinking, Effective Team member, Conflict Resolution, Being Empathetic.

## **CERTIFICATIONS**

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- **McKinsey Forward Soft Skills Certificate – McKinsey and Company** May 2025.
- **Google Cloud Associate Cloud Engineer Badge** july 2024.
- **Google CODE Vipassana Season 6** September 2024.

## **ACHEIVEMENTS**

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- Participant, Google Gen AI Exchange Hackathon.

## **EXTRACURRICULAR ACTIVITIES**

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- Manage and mentor a team of 10 peer students to guarantee successful team performance while ensuring individual goals are achieved.
- Passionate about cooking, experimenting with new recipes and techniques.