

Akash N

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PROFESSIONAL SUMMARY

Results-oriented Computer Science Engineering student (Final Year) with a strong foundation in **Cloud Computing (AWS/Oracle), Java, and Python**. Passionate about building scalable backend architectures and AI/ML solutions. Successfully engineered a smart appointment system reducing scheduling conflicts by **100%**. Certified in Oracle Cloud Infrastructure and Solutions Architecture, seeking to leverage full-stack skills to drive software innovation and optimize organizational workflows.

EDUCATION

MVJ College of Engineering Bengaluru, Karnataka
Bachelor of Engineering in Computer Science & Engineering (CGPA: 7.5) 2023 – 2026

Govt. Polytechnic Chitradurga, Karnataka
Diploma in Computer Science & Engineering (CGPA: 8.85) 2020 – 2023

TECHNICAL SKILLS

Languages: Core Java, Python, HTML, CSS

Cloud & Databases: MySQL, AWS (Basics), Oracle Cloud Infrastructure (OCI)

Core Concepts: Data Structures & Algorithms, OOP, OS, Computer Networks, DBMS

Tools: Git, GitHub, VS Code, Google Colab, Firebase

PROJECTS

Swift Meet - Smart Appointment Planner | *Firebase, Google Calendar API*

- Architected a backend system using **Firebase** to manage appointments, reducing scheduling conflicts by **100%** through real-time synchronization.
- Integrated **Google Calendar API** to automate personalized reminders, increasing user attendance consistency by **30%**.
- Implemented an intelligent algorithm to recommend optimal time slots, cutting manual booking time by **40%**.

Sentiment Analysis for Hospitals | *Python, NLP, Scikit-learn*

- Developed a Machine Learning model using **NLP** to analyze patient reviews for healthcare quality assurance.
- Achieved **85% accuracy** in classifying feedback (Positive/Negative/Neutral), providing actionable data to hospital management.
- Visualized patient satisfaction trends using Python libraries to help identify service gaps **2x faster**.

Live Hand Gesture Recognition | *Python, OpenCV, Media Pipe*

- Built a real-time computer vision system to recognize hand gestures with **<100ms latency** for seamless interaction.
- Enabled touchless interface control for applications, improving accessibility for users with physical constraints.

CERTIFICATIONS

Oracle: Cloud Infrastructure 2025 Certified Foundations Associate

Oracle: Java Foundations Badge & Cloud Jump Start Badge

AWS: Solutions Architecture Job Simulation (Forage)

IBM Skill Build: Learn Programming with Java

Infosys Springboard: Python Programming

PERSONAL SKILLS & LANGUAGES

Soft Skills: Problem Solving, Adaptive Leadership, Effective Communication, Time Management

Languages: English, Kannada, Hindi, Telugu