

AKASH JONNALAGADDA

+91 7416982004 Email LinkedIn
Github Portfolio LeetCode

SUMMARY

Aspiring Software Development Engineer with strong foundations in Java, Python, and MERN stack. Experienced in building scalable web applications, RESTful APIs, and cloud-integrated solutions. Quick learner with a passion for solving real-world problems through clean, efficient code.

EDUCATION

Vellore Institute of Technology, Amaravati <i>B.Tech in Computer Science and Engineering</i>	2022 - Present <i>CGPA: 8.76/10</i>
Sri Bhavishya Junior College, Vijayawada <i>Intermediate, BIEAP</i>	2020 - 2022 <i>94.4%</i>
Nalanda Vidya Niketan, Vijayawada <i>10th Standard, CBSE</i>	2020 <i>90.4%</i>

SKILLS

Languages: Java, Python, HTML/CSS, JavaScript
Database Systems: SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio
Technologies/Frameworks: MERN Stack (MongoDB, Express.js, React, Node.js), GitHub, WordPress
Cloud Platforms: AWS, Azure, Google Cloud, Firebase

PROJECTS

Wavly — Social Media Web Application | |

- Developed a full-stack social media platform enabling users to register, log in, and manage their profiles with JWT-based authentication.
- Implemented core social features including post creation, likes/unlikes, comments, and follow/unfollow functionalities.
- Tools Used: React Js, Redux, Node JS, Express Js, MongoDB, JWT Auth, Rest API

University Portal — Student Management System |

- Built a comprehensive student management system for university administration using Django framework.
- Used SQLite as the backend database and implemented role-based access control for admins and students.
- Tools Used: Django, Python, SQLite

ExamSentry — Automated Exam Monitoring System |

- Developed an AI-powered proctoring tool that detects cheating behavior in real-time using webcam video.
- Implemented modules to track eye movements, head pose, mouth activity, and the presence of mobile phones using OpenCV and TensorFlow.
- Integrated all models into a FastAPI backend for seamless video analysis via API calls.
- Tools Used: OpenCV, Dlib, TensorFlow, FastAPI, Python

CERTIFICATIONS

• AWS Certified Solutions Architect – Associate , Amazon Web Services	<i>June 2025</i>
• Cloud Architecting , AWS Academy Graduate	<i>November 2024</i>
• Azure AI-900 Fundamentals , Microsoft	<i>July 2024</i>
• React.js AI Chatbot built with ChatGPT, Gemini and DeepSeek , Udemy	<i>May 2025</i>
• Oracle Cloud Infrastructure 2025 Certified Generative AI Professional , Oracle	<i>May 2025</i>

EXTRA-CURRICULAR

CSI Chapter VIT-AP | Member

- Collaborated with peers in organizing technical workshops and coding contests, enhancing peer learning and engagement.
- Actively participated in hackathons and seminars conducted under the CSI banner to expand technical exposure.