Kranthi Yelaboina

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Education

Institute of Aeronautical Engineering, Bachelor of Technology in Computer Science   Nov 2024 – Apr 2027
- GPA: 9.01/10.0

VMR Polytechnic College, Diploma   Jun 2021 – May 2024
- CGPA: 9.91/10.0

Karunya Jyothi High School, SSC   Jun 2011 – May 2021
- CGPA:10.0/10.0

Skills: AWS Certified Cloud Practitioner, Web Development, Machine Learning, Data Structures, Git Version Control, DAA, Operating Systems, Computer Networks, JAVA, C++, Python, 70-100 WPM Typist

Technical Skills

Languages: Java, Python, C# (Intermediate), JavaScript (Intermediate)

Cloud Technologies: AWS (Certified), EC2, S3, RDS, Lambda, CloudFormation, Elastic Beanstalk

Tools & Frameworks: AWS, Git, .Net Framework, Flask

Web Programming: HTML5, CSS3, JavaScript, Node.js, Bootstrap, React.js (Basic)

DataBases: SQLite, MYSQL, Aurora, MongoDB

Domain Knowledge: Cloud Architecture, Machine Learning, Full Stack Development, CI/CD

Projects

- **Vyoma | React, Vite, WebXR, Node.js**
  - Developed **Vyoma**, an immersive VR therapy platform built with React + Vite for browser-based mental wellness sessions; **Runner-up at VNRVJIET VJ National Hackathon**.   (Live)   Oct 2025

- **ResourceBase |** Full-Stack Development with Flask, Jinja, SQLite & Cloud Deployment   (GitHub) Jan 2025
  - Initiated a code review process for all ResourceBase contributions, catching 12 critical bugs before deployment and improving the overall quality and reliability of the platform which has 5000+ active users as of now.
  - Assisted in refining features, UI/UX design and optimizing performance for better usability.

- **AWS Admission Enquiry Analysis |** AWS Redshift, QuickSight, S3, AWS Glue   (GitHub) Aug 2024
  - Designed and deployed an end-to-end admission inquiry analysis pipeline on AWS using S3, Glue, Redshift, and QuickSight, enabling large-scale student data ingestion and visualization.

- **TROVO |** Python Flask, 3Dmol.js. SQLite, HealthCare API's
  - Developed **TROVO**, an AI-powered protein exploration platform integrating UniProt, AlphaFold, and ChEMBL with an interactive conversational assistant for intuitive protein biology learning; won **1st place at the Mahindra University AminoVerse Hackathon 2025**.   (GitHub) Feb 2025

Leadership

- **Programming Lead – Google Developer Groups, IARE**
Organized multiple programming workshops, hackathons, and community events in collaboration with 15+ industry professionals and guest speakers, fostering strong student participation and hands-on technical learning.

Certifications

- ❖ AWS Certified Cloud Practitioner   (Verify)   Feb 2025
- ❖ Oracle Multicloud Architect Professional   (Verify)   Oct 2025
- ❖ AWS Solutions Architect – Udemy   (Verify)   Mar 2025