SAMAYAMANTHULA AJITHA

ajithasamayamanthula@gmail.com | (+91) 9030904277

PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Electrical & Electronics Engineering Graduate with a strong foundational knowledge in software development, programming languages, and problem-solving. Proficient in Java, Python, and JavaScript with hands-on experience in developing and deploying applications through academic projects and internships. Demonstrated ability to learn quickly and adapt to new technologies, with a keen interest in software engineering and strong collaborative skills.

EDUCATION

B. Tech in Electrical & Electronics Engineering | Pragati Engineering College — CGPA: 7.32 | 2020-2024

XII (Intermediate) | MPC | Sri Sai Aditya Junior College — CGPA: 8.87 | 2018-2020

X (SSC) | Sama School — CGPA: 9.0 | 2017-2018

TECHINICAL SKILLS

- **Programming:** Java, Python
- **Database:** SQL
- **Engineering/Simulation:** MATLAB/SIMULINK
- **Web Designing:** HTML5, CSS3, JavaScript
- **MS-OFFICE Suite:** Word, Excel, PowerPoint
- **Cloud computing:** Basics of Kubernetes and Dockers
- **Operating systems:** Windows, IOS

SOFT SKILLS

- Communication Skills
- Adaptability
- Teamwork
- Leadership

INTERNSHIPS

- **AWS CLOUD**
  Deploying scalable cloud solutions, managing AWS services like EC2, S3, and RDS, and implementing cloud security best practices.
- **AWS AIML**
  AWS ML services, focusing on deplaying and managing ml models in cloud environments, enhancing skills in ai model development and deployment.
- **Android Developer by the India Edu program and Google for Developers**
  Experience in building and optimizing android applications. Participants gain practical skills through real-world projects and mentorship from industry experts.

ACADEMIC PROJECTS

- **Active control strategies for Power Quality of DC Systems and Reduce the Usage of bulky Capacitors.**
  This project explores the implementation of advanced control strategies using MATLAB/SIMULINK to enhance power quality in DC systems, reducing reliance on bulky capacitors for improved efficiency and performance.
  Technologies used: MATLAB/SIMULINK
- **Currency Converter**
  Developed a Java-based currency converter that accurately converts between multiple currencies using real-time exchange rates. Implemented a user-friendly interface and ensured precise calculations for seamless currency conversions.
  Technologies Used: Java, Swing, JavaFX.

CERTIFICATES

- Certification of 12 days master class on motor control for EV application at Pantech e-learning Pvt. Ltd, Chennai
- Certification on Python course from KTS INSTITUTE.
- Certification on SQL course from KTS INSTITUTE.
- Certification on MS-Office course from Zoneup Technologies.