

# AMESH BABU DOPPALAPUDI

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## SUMMARY

A highly organized and hard-working individual looking for a responsible position to gain practical experience. A motivated individual capable of time management and working under pressure in all environments.

## EDUCATION

### Sri Mittapalli College Of Engineering

Electronics and Communication

2020-2024

- CGPA : 7.10

## TECHNICAL SKILLS

Flutter , Dart, JavaScript, C language, java, Node JS

## PROFESSIONAL EXPERIENCE

### PENGWIN TECH SOLUTIONS

August 2023 - Present

- Specialized in building high-performance cross-platform mobile apps for iOS and Android using Flutter.
- Transitioning into full-stack development, with a focus on Node.js, React, and JavaScript for building dynamic web applications and scalable backend solutions.
- Skilled in creating seamless, user-friendly mobile applications, as well as developing efficient, scalable backend services using Node.js.
- Proficient in Flutter, React, Node.js, and JavaScript. Strong understanding of mobile and web development principles.
- Continuously evolving my technical skill set, staying updated with industry trends, and excited to take on new challenges in full-stack development.
- Thrives in collaborative environments, eager to solve complex challenges, and deliver robust, scalable solutions.

## PROJECTS

### Design and Implementation of a Reversible FIR Filter Using Verilog HDL

- The aim of designing a Reversible FIR (Finite Impulse Response) filter using Verilog HDL (Hardware Description Language) involves creating a digital filter that can perform signal processing tasks while maintaining reversibility.
- Reversibility in this context typically refers to the ability to recover the original input signal from the filtered output, ensuring lossless information transformation.

## **AI Image Generator App (Flutter, AI API)**

- Developed an AI-powered image generator app using Flutter, integrating an AI API to generate images based on user inputs. Implemented a seamless UI/UX with real-time API calls, ensuring fast and high-quality image generation. Optimized performance and handled API responses efficiently for a smooth user experience.

## **CERTIFICATIONS/WORKSHOPS**

### **ELECTRONIC WORKSHOP**

- This workshop focused on fundamental electronic components such as resistors, capacitors, transistors, and ICs.
- Gained hands-on experience in identifying, testing, and using these components in basic circuits.
- Learned about circuit design, PCB layout, and troubleshooting common electronic issues.
- Enhanced my understanding of how electronic components function together in practical applications.

### **EMBEDDED SYSTEM WORKSHOP**

- This was a one-week intensive workshop covering the fundamentals of embedded systems and their real-world applications.
- Learned about microcontrollers, their architecture, and programming using embedded C.
- Explored the working of Android-based embedded systems and various operating systems used in them.
- Gained practical experience in interfacing hardware components with software, enabling me to develop embedded solutions.
- Understood the role of embedded systems in IoT, automation, and industrial applications.

## **DECLARATION**

I hereby declare that the above furnished information is true to the best of my knowledge and belief