

# Arjun Ajith

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## EDUCATION

**Government Model Engineering College, Kerala**

*Bachelor of Technology, Computer Science and Engineering*

Aug 2023 – June 2027

CGPA: 9.04/10

## TECHNICAL SKILLS

**Languages:** Python, C, Java, JavaScript

**Technologies/Frameworks:** ReactJS, Django

**DevOps/Cloud:** Google Cloud Platform, Microsoft Azure, Git, GitHub

## EXPERIENCE

**WNE3**

*Full Stack Developer*

May 2024 – Aug 2024

Visakhapatnam, Remote

- Developed backend and frontend services and deployed them on Microsoft Azure.
- Developed authentication systems, including OAuth integration, to strengthen security and improve user management.
- Automated data synchronization with Google Sheets API, significantly improving data management efficiency.
- Collaborated with senior engineers and cross-functional teams to develop technical documentation and resolve technical challenges.

## PROJECTS

**ConvoVoice** - ReactJS, Django, PostgreSQL, Google Cloud Platform, Instructlab - [GitHub](#)

*Founder*

- Developed ConvoVoice to elevate English learning with AI-powered tools that improve language proficiency through real-time interaction.
- Integrated Google Cloud Text-to-Speech and OpenAI's Whisper, enabling highly accurate speech recognition.
- Currently working on deploying custom Large Language Models (LLMs) using Instructlab to further enhance platform capabilities.

**AmpPay** - ReactJS, Django, MySQL - [GitHub](#)

*Co-Founder*

- Developed AmpPay with real-time energy consumption tracking, carbon footprint assessment, and predictive billing, enabling users to optimize their energy use and make data-driven decisions.
- Developed a safety incident reporting feature for users to report concerns related to energy infrastructure.
- Developed machine learning models to predict month-end bills, providing users with accurate and actionable billing insights.
- Implemented a smart metering system using microcontrollers and sensors to track energy usage and transfer data to the backend database, enabling real-time monitoring.

## ACHIEVEMENTS

- LeetCode** — Solved 250+ Data Structures and Algorithmic problems on LeetCode.
- BitWise Coding Competition** — Winner: Achieved first place in a competitive coding contest.
- IBeTo** — Reached the finals of IBeTo, for developing innovative solutions with social impact.
- MECLABS at Excel 2K23** — Finalist: Showcased creativity and collaboration in complex problem-solving challenges, achieving finalist status.

## POSITIONS OF RESPONSIBILITY

- TEDxMEC Tech Team:** Member of the technical team responsible for managing and executing the technical aspects of TEDx events at MEC.
- Excel Core Member:** Played a crucial role in debugging and resolving issues in projects, ensuring smooth project execution.