

# ARJUN AJITH

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## EDUCATION

### Government Model Engineering College

Bachelor of Technology - Computer Science and Engineering; CGPA: 9.04

Kerala, India

Aug 2023 – June 2027

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, C

**Databases:** MySQL, PostgreSQL

**Frameworks/Libraries:** ReactJS, Django

**Tools/Technologies:** Docker, Git, GitHub, AWS, Google Cloud Platform (GCP), Microsoft Azure

## EXPERIENCE

### WNE3

May 2024 – Aug 2024

Full Stack Developer

Visakhapatnam, IN

- Developed and deployed full-stack web applications on Microsoft Azure, handling both backend and frontend development.
- Set up OAuth-based login to improve user authentication and simplify account management.
- Integrated Google Sheets API to automate data syncing, reducing manual entry and minimizing errors.
- Added pre-fetching for key UI components to make page loads faster and smoother for users.
- Maintained high code quality through peer reviews and adherence to clean code principles.

## PROJECTS

### AmpPay - ReactJS, Django, MySQL

[GitHub](#)

- 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.

### Vitalia.ai - Django

[GitHub](#)

- Designed and implemented backend architecture for the Vitalia.ai app to deliver personalized health and nutrition insights.
- Developed and integrated APIs using Django to handle user profiles, product data, and AI-driven insights.
- Created an allergen detection model to identify potential allergens in scanned products, enhancing user safety and trust.

## ACHIEVEMENTS

- Millennium Fellow** – Selected as part of a prestigious global leadership development program by the United Nations Academic Impact and Millennium Campus Network (MCN).
- LeetCode** – Solved 300+ Data Structures and Algorithmic problems on LeetCode.
- BitWise Coding Competition** – Achieved first place in a competitive coding contest.
- MECLABS 2024** – Won 1st prize for the Vitalia.ai project, among 100+ teams participated.
- IBeTo** – Reached the finals of IBeTo, for developing innovative solutions with social impact.

## 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** – Contributed to project debugging and issue resolution, ensuring smooth execution and timely completion of key projects.