ARJUN AJITH

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EDUCATION

Government Model Engineering College, Kerala   Aug 2023 – June 2027
Bachelor of Technology, Computer Science and Engineering   *CGPA: 9.04/10*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C

Technologies/Frameworks: ReactJS, Django

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

EXPERIENCE

WNE3   May 2024 – Aug 2024
Full Stack Developer   *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

- **Millennium Fellow 2024 Batch** — Selected as part of a prestigious global leadership development program by the United Nations Academic Impact and Millennium Campus Network (MCN).
- **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** — Contributed to project debugging and issue resolution, ensuring smooth execution and timely completion of key projects.