Arjun Ajith

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EDUCATION

Government Model Engineering College, Kerala Aug 2023 – June 2027

Bachelor of Technology, Computer Science and Engineering *CGPA: 8.79/10*

TECHNICAL SKILLS

Languages: Python, C, JavaScript

Technologies/Frameworks: ReactJS, Django, NextJS

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

EXPERIENCE

WNE3 May 2024 – Present

Full Stack Developer *Visakhapatnam, Remote*

- Deployed and managed backend and frontend services on Microsoft Azure, ensuring reliability and scalability.
- Initiated and advanced the development of robust authentication systems, including OAuth integration, to enhance security and streamline user management.
- Enhanced data management efficiency by automating synchronization with Google Sheets API.
- Created comprehensive technical documentation that supported project scaling and streamlined maintenance processes.
- Collaborated with cross-functional teams to resolve technical issues and improve overall product performance.

PROJECTS

ConvoVoice *ReactJS, Django, Google Cloud Platform, Instructlab*
Founder

- Founded ConvoVoice to enhance English learning through AI-driven technology, significantly improving user language proficiency.
- Integrated Google Cloud Text-to-Speech and OpenAI's Whisper, achieving 97% accurate speech recognition and boosting user engagement.
- Developing and deploying custom LLMs using Instructlab (ongoing), continuously advancing the project's capabilities.

AmpPay - *ReactJS, Django, MySQL* - GitHub
Co-Founder

- Co-founded AmpPay to modernize energy management with real-time analytics and predictive billing, enhancing operational efficiency.
- Developed features for real-time tracking and carbon footprint assessment, improving data insights.
- Implemented microcontroller-based meter readings and machine learning, achieving 96% billing accuracy.
- Led the design and development of the MVP, establishing a robust foundation for future expansion.

ACHIEVEMENTS

- **BitWise Coding Competition** — Winner: Achieved first place in a competitive coding contest.
- **IBeTo - Innovations for a Better Tomorrow** — Finalist: Recognized for innovative ideas with social impact at Excel 2023.
- **MECLABS at Excel 2K23** — Finalist: Demonstrated creativity and teamwork in problem-solving challenges.

POSITIONS OF RESPONSIBILITY

- TEDxMEC Tech Team: Member of the technical team responsible for managing and executing technical aspects of TEDx events at MEC .
- FOSS Club Executive Trainee: Actively contributed to open-source projects and initiatives, enhancing software development skills and promoting open-source software.