



SIDHARTH DEV

FULL STACK & AI/ML ENGINEER

Results-driven Computer Science Engineer with hands-on experience in full-stack development, AI/ML systems, and data analytics. Skilled in Python, React, TensorFlow, SQL, and Google Cloud Platform, with a strong ability to build scalable applications and deploy ML models for real-world impact. Solid foundation in algorithms, databases, and DevOps practices, eager to apply expertise in roles such as Full Stack Developer or AI/ML Engineer to deliver innovative, data-driven solutions.

RELEVANT SKILLS

Full-Stack Development

AI/ML Model Building

Data Analytics

DevOps

Cloud Deployment

API Design

Real-Time Detection

Agile Collaboration

Scalable Systems

Software Testing

AI Automation

REST APIs

MLOps Automation

Database Optimization

Cloud Security

WORK EXPERIENCE

[2+ years]

SOFTWARE ENGINEER & CO-FOUNDER

Ravewards Technologies, Dubai, UAE Sept 2024 –Present

- **Led a cross-functional team** of 3 engineers to **build and launch a scalable mobile app**, managing Agile sprints and stakeholder communications
- **Developed RESTful APIs** using **Python (Flask/Django)** to handle **user data and authentication** with **JWT security**
- **Optimized PostgreSQL performance**, **cutting query time by 30%** through schema tuning, indexing, and query refactoring
- **Set up CI/CD pipelines** with Docker and GitHub Actions, automating testing and deployment processes
- **Managed GCP infrastructure**, enabling **auto-scaling**, **load balancing**, and stable app performance

AI INTERNSHIP (SPEECH RECOGNITION SYSTEM)

Languify, Remote

1 June 2023 – 31 July 2023

- **Built an Automatic Speech Recognition (ASR) system** to convert audio input into text with high accuracy
- **Trained and fine-tuned deep learning models** using **Python, TensorFlow, and speech datasets** for better performance
- **Pre-processed and cleaned audio data**, improving model efficiency and reducing word error rate
- **Collaborated with the AI team** to integrate the ASR model into the company's **language learning platform**

EDUCATION

MASTER OF TECHNOLOGY (M.Tech) IN COMPUTER SCIENCE ENGINEERING (INTEGRATED)

Vellore Institute of Technology, Tamil Nadu, India 2025

TECHNICAL SKILLS

- **Programming:** Python, JavaScript (ES6+), TypeScript, Java, C++, SQL, Bash
- **Web:** React.js, Next.js, Node.js, Express.js, Flask, Django, RESTful APIs, GraphQL, HTML5, CSS3, Tailwind
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Redis, Elasticsearch
- **AI/ML:** TensorFlow, PyTorch, Scikit-learn, Keras, OpenCV, Hugging Face, LangChain CNN/RNN/LSTM, MLOps
- **Analytics:** Pandas, NumPy, Matplotlib, Power BI, Tableau
- **Cloud/DevOps:** GCP, Azure, AWS, Docker, CI/CD, Terraform, Linux
- **Tools:** Git, Postman, JWT/OAuth2, AWS

SOFT SKILLS

- Collaboration
- Critical Thinking
- Adaptability
- Leadership
- Communication

CERTIFICATIONS

- Google Cloud Digital Leader – **GCP**
- Azure Cognitive Services – **Microsoft**
- Artificial Intelligence Program – **Languify (Speech Recognition)**

LANGUAGES

- English – Fluent
- Malayalam – Native
- Hindi – Conversational
- Tamil – Conversational