



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