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SIDHARTH DEV

FULL STACK & AI/ML ENGINEER

Entry-level Software Engineer with hands-on experience in full-stack development, early-stage startup projects, and foundational AI/ML work. Skilled in Python, React, TensorFlow, SQL and cloud tools, with the ability to build features and support testing workflows. Strong fundamentals in algorithms, databases, and DevOps, eager to grow in full-stack, backend, or AI/ML roles while learning industry best practices and contributing to real-world solutions across teams.

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   [1+ years]

SOFTWARE ENGINEER | EARLY-STAGE STARTUP

Ravewards Technologies, Dubai, UAE | Sept 2024–Oct 2025

- Worked with a cross-functional team to **design** and **develop** the mobile app, coordinating sprints and managing communications.
- Built early **RESTful APIs** modules in **Python (Flask/Django)** to support user flows and **JWT**-based login testing.
- Enhanced **PostgreSQL** performance by tuning **queries** and adding indexes to make **API** responses smoother during testing
- Built **CI/CD** workflows using **Docker** and **GitHub Actions** to automate tests and support smoother teamwork.
- Handled **GCP** setups for testing, managing configs, basic scaling checks, and supporting dev ops.

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