

# SIDHANTH L

✉ sidhanth.l05@gmail.com | 📁 Portfolio | 🐙 GitHub | 🔗 LinkedIn

---

## PROFILE

AI/ML Engineer proficient in Python, C++, TensorFlow, and PyTorch, architecting and deploying end-to-end models. Led high-impact AI initiatives in finance, healthcare, and web automation. Excels at solving complex problems and building scalable production systems.

---

## SKILLS

**Programming & DSA:** Python, C++, JavaScript, Data Structures & Algorithms

**AI/ML & Deep Learning:** TensorFlow, PyTorch, scikit-learn, Transformers, OpenCV, LLMs

**Data & Integration Tools:** Pandas, NumPy, FastAPI, Firebase, Plotly, MySQL, Streamlit

**Cloud & DevOps:** AWS (EC2, S3, IAM), Git, Webhooks, Model Deployment

---

## TECHNICAL PROJECTS

### FinGenius - AI-Powered Financial Advisory Platform [Live Demo]

- ❖ Engineered a smart financial chatbot that delivers personalized investment recommendations using logic-driven decision flows, Webhooks, and Firebase.
- ❖ **Technologies:** Python, JavaScript, Node.js, REST APIs, Firebase, Webhooks, Botpress

### Chest-X AI Classifier - Deep Learning Medical Diagnostic Tool

- ❖ Built and trained a CNN model using TensorFlow and OpenCV to detect COVID-19 from X-rays with >90% accuracy; deployed via Gradio for real-time diagnostic access.
- ❖ **Technologies:** Python, TensorFlow, OpenCV, NumPy, Pandas, Gradio, Matplotlib

### Quora-Insight Scraper - Web Automation & Data Extraction Tool

- ❖ Automated large-scale Quora profile scraping with Selenium using headless execution, dynamic user agents, and JSON formatting; reduced manual effort by 95%.
- ❖ **Technologies:** Python, Selenium, Headless Chrome, JSON

### AI-Powered Bill & Receipt Insight Extractor [Live Demo]

- ❖ Developed a Python app that extracts key data from bills/receipts using OCR, reducing manual data entry effort by over 80% while providing real-time spending insights.
- ❖ **Technologies:** Python, FastAPI, Streamlit, SQLAlchemy, Tesseract-OCR, Plotly

---

## EDUCATION

### B.E in Artificial Intelligence & Machine Learning

Visvesvaraya Technological University, India

Dec 2021 - May 2025 | CGPA: 7.31

### Higher Secondary (PCMC)

Alva's Pre-University College, Mangalore

Jun 2019 - Jun 2021 | Percentage: 87.83%

---

## LEADERSHIP & TECHNICAL GROWTH

- ❖ **Coordinated Enigma 2024**, leading a cross-functional team to ensure seamless event execution and high participant engagement.
- ❖ **Completed AWS Academy Cloud Foundations**, gaining practical knowledge in core AWS services, cloud architecture, and industry-aligned best practices. [Credentials]
- ❖ **Certified by VTU through Job-Ready Pro Internship**, mastering **Python**, **Data Structures**, and **React** to deliver immediate value in tech roles. [Credentials]