Siddharth Verma

Indore, M.P., India | siddharthverma1201@gmail.com | +91 8839919484

LinkedIn: linkedin.com/in/siddharthverma7952a31a9 | GitHub: github.com/siddharth1201

EDUCATION

LNCT Bhopal, RGPV - B.Tech in Electronics and Communication Engineering

Sept 2020 - May 2024 | GPA: 8.42/10.0

EXPERIENCE

Associate Software Engineer - Valuebound

Oct 2024 - Present | Indore, M.P.

Speech Analysis and Guidance Engine (SAGE)

- Engineered scalable solutions for real-time call analysis across 140+ parameters using Python and LLMs.

- Boosted audio clarity by 30% and speaker emotion detection accuracy to 80% via Demucs, MarbleNet, and emotion2vec.

- Reduced call processing time to under 3 hours for 600+ entries using Llama 3.1 parallelization and prompt loops.

- Delivered structured, measurable outputs aligned with customer impact using prompt engineering and data-driven insights.

HR Management System Chatbot (HRMS Chat)

- Built AI-powered chatbot integrated with Slack, Teams, and Keka; reduced HR manual workload by 80%.

- Improved response accuracy by 40% using hybrid retrieval systems and enabled fast HR query escalation.

- Designed secure, scalable admin panel with ReactJS and role-based access.

- Deployed via Azure VM with CI/CD pipelines for real-time delivery of updates and fixes.

Key Impact & Leadership

- Awarded Innovation and Execution Award for exceptional delivery.

- Acted as Scrum Master, leading a team of 4, conducting daily standups, and managing project velocity.

- Delivered 3+ production-ready PoCs, driving real client-facing demos and innovation cycles.

Siddharth Verma

Software Engineer Intern - Valuebound

July 2024 - Oct 2024

Lask AI - VS Code AI Code Assistant

- Created a full-stack AI assistant for VS Code using LangChain, Groq, and Google GenAI for code generation and debugging.

- Achieved 80% accuracy in code suggestion with filtered embeddings and prompt optimization.

- Built file sync via Chokidar, reduced chat latency with WebSockets, and deployed live on AWS EC2.

- Delivered seamless onboarding via ReactJS-based landing and registration page.

TECHNICAL SKILLS

Languages: Java (Proficient), Python, JavaScript

Technologies: React.js, FastAPI, Node.js, LangChain, HuggingFace, GPT-4o, Llama, OpenAI Whisper, Google GenAI

Cloud & DevOps: AWS (EC2, S3), Azure (VMs, Bot Service), GitHub Actions, Docker, Nginx

Databases & Vector Stores: MongoDB, MySQL, FAISS, ChromaDB, Pinecone

Tools & Platforms: Git, VS Code, Streamlit, Slack APIs, Microsoft Bot Framework

PROJECTS & DEMOS

Lask AI Demo: YouTube: https://www.youtube.com/watch?v=k4iQQNLz0FE | GitHub: https://github.com/siddharth1201/LaskAI

Skunkworkz AI Code Assistant: Live Demo: https://skunkworkzvb.github.io/skunkworkz/ai-coding-assistant

HIGHLIGHTS FOR AEM ROLE FIT

- Rapid prototyping of AI-powered solutions across backend and frontend environments.

- Deep full-stack expertise with customer-centric development using React, JavaScript, Python, FastAPI.

- Proficient in cloud deployment, CI/CD, and real-world product delivery under tight timelines.

- Demonstrated ability to drive GenAI-based innovations into production for real business impact.

- Effective team collaborator, Scrum leader, and fast learner who thrives in high-velocity environments.