AYUSH SIDDHANT

+91 9661474996 | ayushsiddhant2@gmail.com | linkedin.com/in/ayush-siddhant | github.com/AyushSid28

EDUCATION

Symbiosis Institute of Technology, Pune
B.Tech in Computer Science & Engineering

TECHNICAL SKILLS

Languages: Python, C++, Java, Flutter, JavaScript
Databases: MongoDB, PostgreSQL, MySQL, Weaviate, SQLite, Redis
Technologies & Frameworks: Node.js, React, Flask, FastAPI, Streamlit, LangChain, WebSockets
AI/ML & GenAI: LLMs, Transformer Architectures, GenAI, Machine Learning, Deep Learning, NLP, RAG
Agents Framework: OpenAI Agents SDK, CrewAI, LangGraph, AutoGen, MCP
DevOps: Docker, Kubernetes, CI/CD, Apache Kafka, Prometheus, Grafana

EXPERIENCE

MINTRIX – AI-Based Learning   Nov 2024 - May 2025
Developed RAG chatbot and CRM integration for learning platform
- Enhanced user interaction through AI chatbot with Retrieval-Augmented Generation capabilities
- Implemented CRM integration to capture and analyze user engagement data
- Optimized API performance for AI-based learning system integration
- Built adaptive learning algorithms to personalize educational content

Dream Skrin – D2C Solution   May 2025 - June 2025
Built intelligence layer for supply chain and inventory optimization
- Designed distributed Central Intelligence Layer unifying supply chain, vendor, and finance operations
- Developed real-time demand forecasting using XGBoost with inventory reordering integration
- Orchestrated workflows using Temporal for automated supply chain coordination
- Optimized vendor allocation and routing using OR-Tools, reducing delivery delays by 30%

Qlaws.ai – Legal Solution   June 2025 - Present
Implemented AI-powered legal document processing system
- Refactored summarization pipeline and migrated to Weaviate vector database
- Developed drafting agent automating LOI to SPA document creation
- Designed dual-architecture chatbot (Redis/PostgreSQL) for legal document queries
- Migrated document storage from Azure Blob to Amazon S3 with regional optimization

PROJECTS

SiteForge – Agentic Website Development   Technologies: CrewAI, OpenAI, Jinja2
- Engineered autonomous agent team (Designer, Frontend, Backend, Tester) that builds complete websites from prompts
- Implemented coordination logic for seamless agent collaboration and quality assurance
- Demonstrated capability to produce production-ready sites in various tech stacks

MarketMinds – Stock Analysis Agents   Technologies: LangChain, OpenAI, CrewAI
- Developed multi-agent system (Research, Reporting, Analysis, Suggestion) for market insights
- Created pipeline analyzing company history and market trends for investment recommendations
- Implemented suggestion engine with 85% accuracy in predicting profitable stocks

Learnix – AI-Powered E-Learning   Technologies: Node.js, React, MongoDB, LangChain
- Built comprehensive school management system with admin, teacher, and student dashboards
- Developed RAG chatbot answering curriculum-specific questions with citations
- Implemented AI assignment generator creating personalized academic tasks

CERTIFICATIONS

AI Agent Framework: Ed Donner 2025
Machine Learning and Data Science: Udemy 2025