

AYUSH SIDDHANT

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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

Qlaws.ai – Legal Solution

June 2025 – Sept 2025

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.

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%.

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.

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

Oracle Generative AI Course (2025)