SUHAS KOHEDA

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EDUCATION

Vellore Institute of Technology, Chennai   **2023 – 2027**
B.Tech in Computer Science and Engineering (AI/ML), CGPA: 9.0 / 10.0   *Chennai, India*

Nine Education Academy   **2021 – 2023**
Telangana State Board (Class XII), 93.5%   *Hyderabad, India*

Sri Sai Public School   **2020 – 2021**
ICSE (Class X), 94%   *Hyderabad, India*

EXPERIENCE

Daira Edtech   **Jul 2025 – Present**
AI/ML Development Intern   *Remote*

- Engineered AI-powered educational tools using LangChain, OpenAI APIs, and RAG architectures to create personalized learning experiences
- Built document processing pipeline parsing 5,000+ resources with 95% accuracy in content extraction
- Implemented CI/CD pipelines reducing deployment time by 60% and improving development workflow efficiency
- Collaborated with cross-functional teams to integrate AI features into the main educational platform

TECHNICAL SKILLS

- **Languages:** Java, Kotlin, Python, C, C++, JavaScript, TypeScript, SQL
- **AI/ML:** LangChain, Gemini AI, OpenAI APIs, RAG, Embeddings, Scikit-learn
- **Frameworks:** Spring Boot, React, Next.js, Node.js, FastAPI, Flask, Django
- **Databases:** PostgreSQL, MongoDB
- **Tools:** Git, Docker, AWS EC2, Google Cloud APIs, CI/CD, Maven

PROJECTS

Indian Legal Analytics Dashboard | *Python, Streamlit, LangChain, Gemini AI*   **Live** | **Code**   **Jan 2026**

- Built a full-stack legal analytics platform analyzing 42,846 Supreme Court cases spanning 76 years (1950–2025)
- Designed preprocessing pipelines aggregating multi-year parquet metadata into optimized analytics datasets
- Implemented analytics across 3 dimensions: judges (276), citations (37,833), and petitioner/respondent data with interactive dashboards
- Integrated a Gemini-powered legal AI assistant with secure, client-side API key handling

AI Video Knowledge Editor | *Python, FastAPI, FFmpeg, Sentence-Transformers, PyInstaller*   **Code**   **Feb 2026**

- Built an AI video editor that adds contextual knowledge cards using speech-to-text, NER, and semantic retrieval
- Implemented transcription (Whisper), zero-shot entity extraction (GLiNER + NLTK), and semantic ranking (MiniLM embeddings)

Automated Manager | *Python, LangChain, Gemini AI, Google APIs*   **Code**   **Jul 2025**

- Designed an automation system converting emails into calendar events using Gmail and Google Calendar APIs
- Processed 500+ daily emails with 95% accuracy, reducing manual scheduling effort by 90%

ACHIEVEMENTS

- 4th Place at Juphack 2025 among 100+ teams
- Published official Spring Boot starter for Gemini AI on Maven Central (LangChain4j)
- Simplified Gemini AI integration for 260+ Java developers, reducing boilerplate by 70%