

# Shiva Doddi

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## Career Objective:

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Aspiring Artificial Intelligence Engineer with a strong foundation in machine learning, natural language processing, and intelligent document analysis. Passionate about developing secure, privacy-focused AI solutions and building user-centric applications using modern AI frameworks and APIs. Seeking an opportunity to contribute to innovative projects in the field of artificial intelligence, with a focus on offline AI systems, semantic search, and real-world problem solving.

## Education:

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<b>Teegala Krishna Reddy Engineering College</b>	<b>May 2025</b>
Bachelor of Technology – Artificial Intelligence and Machine Learning (AIML)	(75.9%)
Hyderabad, Telangana	
<b>Narayana Junior College</b>	<b>July 2021</b>
Intermediate	MPC (87%)
Hyderabad, Telangana	
<b>Shanthi Nikethan Concept School</b>	<b>July 2019</b>
10th Standard	(93%)
Hyderabad, Telangana	

## Technical Skills:

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- **Languages:** Python, JavaScript (ES6+), C, Java
- **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Vite
- **Backend:** Flask, Express.js, Node.js
- **Databases:** MongoDB, Firebase
- **AI/ML & APIs:** Google Gemini API, FAISS, SentenceTransformers, PyTesseract, OpenCV
- **Tools & Platforms:** Git, GitHub, Postman, Ollama, Streamlit
- **Concepts:** RESTful API Development, Semantic Search, OCR, Local LLM Inference, ATS Optimization
- **IDEs & Editors:** Visual Studio Code, PyCharm

## Projects:

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### **Oasis AI: Offline Research Companion:**

*Python, Streamlit, PyPDF2, PyTesseract, FAISS, SentenceTransformers, Ollama, LLaMA Model*

Built a privacy-focused offline AI platform that analyzes both text-based and scanned PDFs for intelligent document search and question answering. It leverages OCR for image-based PDFs, FAISS for semantic search, and local LLM inference via Ollama to ensure full offline functionality. The solution enables secure, fast, and context-aware document analysis, designed specifically for researchers, legal professionals, and students working in low-connectivity or sensitive environments

**Github:** [shiva0500/Oasis-AI-ORC](https://github.com/shiva0500/Oasis-AI-ORC)

### **Personal Resume Scanner using Google Gemini API:**

*React JS, Flask, Google Gemini API, Tailwind CSS, Vite.*

Developed a web-based AI resume analysis tool that compares user resumes with job descriptions. The app offers two main features: ATS-friendly percentage match scoring and detailed resume insights using the Google Gemini API. Flask handles PDF parsing and API integration, while the React frontend ensures a clean, responsive user interface. Tailored for job seekers aiming to improve their resume alignment with specific roles

**Github:** [shiva0500/Personal-Resume-Scanner-using-Google-Gemini-API](https://github.com/shiva0500/Personal-Resume-Scanner-using-Google-Gemini-API)

### **Social Media Blog Post Application:**

*ReactJS, Express JS, MongoDB, Tailwind CSS, Vite*

Created a full-stack blog platform that allows users to create, view, and manage blog posts in a simple and intuitive interface. Built with a MERN stack and styled using Tailwind CSS, the app handles basic CRUD operations and ensures responsive design for all devices.

**Github:** [shiva0500/MERN-blog](https://github.com/shiva0500/MERN-blog)

## Declaration:

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I hereby declare that the information provided above is true to the best of my knowledge and belief.

**Date:** 20.06.2025

**Shiva Doddi**