

Sainandan Mannepalli

Undergraduate Student

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Results-driven AI and software development enthusiast with expertise in machine learning and chatbot development. Proficient in Java, Python, and web technologies, with hands-on experience in AI-driven projects to optimize natural language processing (NLP) and enhance user experiences. Successfully completed internships at AI Quantum Smart Solutions and Igebra.ai, gaining practical experience in image processing and conversational AI. Passionate about developing innovative AI solutions and continuously advancing skills through certifications in AI and cloud computing.

Professional Experience

AI QUANTUM SMART SOLUTIONS
Intern

June 2024 — July 2024

Worked on Image Processing, Machine Learning, and Deep Learning Algorithms. Developed skills in applying deep learning techniques to real-world applications.

Igebra.ai
AI Intern

February 2025 — July 2025

Developed AI Tools using React.js and Next.js Framework using Vercel AI SDK to manage backend API routing.

Education

B.Tech
Koneru Lakshmaiah Education Foundation

Certifications

Microsoft Certified: Azure AI Fundamentals, Microsoft, June 2024 — Present

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional, Oracle, July 2025 — July 2026

Projects

Stark.AI Story Generator

Developed an AI chat bot for dynamic storytelling using Google's Gemini API. Integrated user inputs and contextual memory for adaptive narratives. Designed a user-friendly interface and optimized response generation. Deployed the chat bot with Python and Flask.

EduSphere

AI-Powered Educational Platform – Built a web app using Gemini API and YouTube Data API v3 to generate topic-based educational content. Displays AI-generated insights alongside curated video recommendations for enhanced learning. Implemented API integration, dynamic content rendering, and a user-friendly UI.

Skills

- Generative AI
- Node.js
- MongoDB
- Python
- PostgreSQL
- Next.js
- Java
- React.js
- TypeScript