

# SHRI SIVA J

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## Career Summary

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AI Engineer with over **1 year of hands-on industry experience** in designing, developing, and deploying AI-powered applications using Machine Learning, Natural Language Processing, and Large Language Models. Strong experience in API integration, AI-assisted development, automation workflows, and cloud deployment. Skilled in building scalable AI solutions and working effectively with cross-functional teams.

## Education

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**B.Tech – Artificial Intelligence and Data Science** 2021 – 2025  
Erode Sengunthar Engineering College, Erode, Tamil Nadu

**Higher Secondary Education (HSC – Science)** 2020 – 2021  
The Sengunthar Higher Secondary School, Erode

**Secondary School Leaving Certificate (SSLC)** 2018 – 2019  
Government Boys Higher Secondary School, Erode

## Technical Skills

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**Programming Languages:** Python, JavaScript

**Web Technologies & Frameworks:** Django, Flask, FastAPI, React.js, HTML5, CSS3

**Databases:** MySQL, PostgreSQL

**Machine Learning & AI:** TensorFlow, PyTorch, Scikit-learn, NumPy, Pandas, OpenCV, CNNs, LSTMs, XGBoost

**Natural Language Processing:** NLTK, SpaCy, Text Pre-processing, Keyword Extraction, Sentiment Analysis

**Generative AI & LLMs:** LangChain, Hugging Face, Retrieval-Augmented Generation (RAG), GPT-4, GPT-3.5, LLaMA, Mistral, StableLM, DALL · E, Stable Diffusion

**API Integration & Automation:** REST APIs, Webhooks, API Key Management, OpenAI API, Perplexity API, SMTP / Email APIs

**AI Tools & Platforms:** ChatGPT, Gemini, Claude, Perplexity, GitHub Copilot, Cursor, Grok

**Cloud Technologies:** AWS EC2, AWS Lambda, AWS S3, AWS EventBridge (Cron Jobs), Serverless Workflows

**Development Tools:** Git, GitHub, Postman, Jira, Slack, Zoho CRM, DBeaver, VS Code, Jupyter Notebook, Google Colab, Streamlit

**Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability, Time Management

## Professional Experience

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**AI Engineer – Neurobit AI**

Oct 2025 – Present

- Designing and developing AI-powered applications using Python, LangChain, and Large Language Models.
- Building AI-based mock interview and assessment platforms with automated feedback.
- Developing API-driven AI services and integrating third-party platforms.
- Deploying and maintaining AI solutions on AWS (EC2, Lambda, S3).
- Implementing scheduled automation workflows using AWS EventBridge.
- Training and deploying machine learning models using AWS SageMaker for scalable AI solutions.
- Evaluating and selecting suitable LLMs based on business requirements.

#### **AI Engineer – Urbancode, Chennai**

Jun 2025 – Sep 2025

- Developed Generative AI solutions for interview simulations and internal automation.
- Integrated NLP and LLM pipelines to reduce manual operational effort.
- Supported API integration and production deployment of AI applications.

#### **LLM Intern – Sena, Chennai**

Mar 2025 – Apr 2025

- Built Instagram and WhatsApp auto-response chatbots using Large Language Models.
- Implemented Zoho CRM automation for lead capture and form processing.
- Developed AI-based platforms for automated student answer evaluation.
- Integrated real-time location tracking within chatbot systems.

#### **Web Development Intern – Code Alpha**

Jul 2023

- Developed full-stack web applications including portfolio websites, blogs, and resume builders.

#### **Machine Learning Intern – Bharat Intern**

Jul 2023 – Aug 2023

- Built machine learning models for prediction and classification tasks.

### **Projects**

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- **WhatsApp Lead Generation System** – Automated lead capture, qualification, and CRM integration.
- **Full-Stack Website with AI Chatbot** – LLM-powered chatbot integrated into a production website.
- **Blog Automation Platform** – Automated content generation and publishing using LLM APIs.
- **Retell AI Voice Bot** – AI-powered voice assistant for inbound and outbound conversations.
- **AI Mock Interview Platform** – Interview practice system with automated LLM-based feedback.
- **YouTube Content Analyzer** – NLP-based SEO optimisation tool.

### **Certifications**

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- AWS Certified Machine Learning Engineer – Associate
- Google Data Analytics – Coursera
- Python for Data Science, AI & Development – Coursera
- Machine Learning Foundations – LinkedIn Learning
- SQL (Advanced) – HackerRank
- AI Builders Lab Bootcamp – Google for Developers

### **Achievements**

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- First Prize – Project Expo, Object Detection using OpenCV, Nandha College of Technology