

Varun Jakkula

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EDUCATION

B.E CSE (AI&ML)

Nov 2022 – 2026

Osmania University

CGPA: 9.26

EXPERIENCE

Freelance Developer & AI Consultant

Feb 2026 – Present

Self-Employed

- Worked with SlideModel.com, a legacy presentation template platform serving **15,000+ businesses** and **350,000+ users**, on AI strategy and product transformation.
- Designing and building MVPs for AI-first products, focusing on rapid iteration, distribution, and product-market fit.
- Scaled products like eapcetpro.com and scradi.com through organic growth strategies, leveraging UGC-driven social media campaigns.
- Helping businesses integrate LLMs, automation, and AI workflows to unlock new revenue streams and operational efficiency.

Full Stack AI Developer

Oct 2024 – Feb 2026

MagicSlides / IndianAppGuy. (Remote)

- Engineered high-performance LLM response parsers for MagicSlides.app (**2 million+ users**), reducing presentation generation time to under 30 seconds via optimized JSON streaming with Next.js.
- Designed and developed a scalable in-browser presentation editor supporting **600,000+ presentations** with 3,000+ weekly additions.
- Building an autonomous AI chat agent connected to the internet, enabling users to generate fully custom presentations via natural language.
- Spearheaded the development of two production-ready AI image generation apps using Flux LoRA and Supabase within a strict one-month timeline.
- Optimized a 2-million-row SQL database by indexing critical columns, reducing query planning time by **77%** and execution time by **120%**.
- Executed complex database migrations for tables exceeding 30,000 rows using custom Supabase scripts, ensuring zero data loss.

Website Developer (Freelance)

Apr 2023 – Oct 2024

AVV Design

- Built high-converting websites and complete lead generation funnels end-to-end for US-based home services, moving, and logistics companies.
- Developed AI-powered chatbots that automated customer qualification and booking, significantly increasing inbound conversion rates.
- Implemented performance-focused landing pages optimized for SEO and paid traffic, driving consistent inbound leads for clients.
- Integrated CRM systems, analytics, and automation workflows to streamline lead tracking, follow-ups, and revenue attribution.

PROJECTS

Scradi: AI Scribing | *React, NextJS, Supabase, AWS*

Jan 2026 | [Live](#)

- Built a production-grade AI scribing tool that auto-generates medical charts in seconds using ElevenLabs and custom transcription models.
- Acquired **1,500+ visitors** and **100+ signups** from 4 countries via targeted Facebook ads.

Eapcetpro: Test Platform | *React, Python, Postgres*

Jan 2026 | [Live](#)

- Unified test platform with 100+ previous papers, scaling to **8,000+ visitors** in one week.
- Scraped **22,700+ questions** using Playwright, storing data in RLS-secured PostgreSQL.

Agent: Terminal Tool | *Bash, GPT-3.5*

Feb 2024 | [GitHub](#)

- CLI tool converting natural language prompts into executable bash commands for rapid project scaffolding (e.g., Docker, React setups).
- Implemented robust Bash parsing logic to safely interpret LLM outputs.

16x16 Sprites Gen | *PyTorch, Python*

July 2024 | [GitHub](#)

- Developed a Generative AI system using DDPMs to create pixel art sprites.
- Trained a U-Net neural network on 1,788 images using PyTorch with custom noise samplers.

RESEARCH & OPEN SOURCE

Juspay Hyperswitch Encryption | *Open Source Contribution*

[PR Link](#)

- Implemented CI workflow configurations to automatically verify compilation, code formatting, and Clippy linting, ensuring high code quality and stability for the encryption service.

IEEE Publication | *Deep Learning Research*

[Paper Link](#)

- Authored and published "Evaluating Machine Learning and Deep Learning Models for Accurate Stock Price Prediction", analyzing algorithmic efficacy in financial forecasting.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, Java, SQL, Bash

Frontend: React, Next.js, Tailwind CSS, HTML5, CSS3, Vercel

Backend: Node.js, Express, Supabase, PostgreSQL, AWS, Cloudflare, Docker, springboot

AI & ML: PyTorch, TensorFlow, Pandas, NumPy, Hugging Face, LLMs, Flux LoRA

Tools: Git, GitHub, Linux (Fedora), Postman, Selenium, Playwright