

# MYADARAM SAI KIRAN

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portfolio

## Summary

A full-stack software engineer with hands-on experience building AI-driven applications, including generative AI workflows, RAG pipelines, and agent-based systems. I work primarily with Next.js, TypeScript, Node.js, and Python, building systems end-to-end across backend, frontend, and cloud deployment using Docker and CI/CD.

## Experience

Indhic Software Pvt Ltd | indhic.com

June 2025 – Present

Full Stack Engineer

Remote

- Developed **Kshana**, an agentic AI-powered desktop video editor built using **TypeScript and Electron.js**, enabling automated image and video generation workflows through **ComfyUI-based pipelines** and LLM APIs.
- Built modular sub-agent workflows handling asset preparation, automated image placement, and infographic generation pipelines, integrated with Remotion for video rendering.
- Designed and shipped a production **Data Annotation SaaS platform** using **Next.js and NestJS**, covering system design, implementation, and deployment on **GCP Cloud Run** with Docker and GitHub Actions CI/CD.

Shortcastle Technologies | FMS

Feb. 2025 – May 2025

Software Developer Intern

Hyderabad, Telangana

- Built RBAC-enabled frontend interfaces using Next.js 15 and TypeScript.
- Optimized data access using Prisma ORM and PostgreSQL, improving performance by 30%.
- Used tRPC for type-safe role management and consistent API communication.

G-Tec Hyderabad

Aug. 2024 – Jan. 2025

Web Development Intern

Hyderabad, Telangana

- Developed responsive UIs with React.js and Tailwind CSS, increasing user engagement by 15%.
- Built RESTful APIs in Node.js and Express for efficient data handling.
- Improved MySQL performance through optimized queries.

## Projects

WebSolutions | React.js, Node.js, Express.js, MongoDB | GitHub

Mar. 2024 – June 2024

- Developed a MERN stack application for site creation and maintenance.
- Integrated ML-based cost calculator using Flask and Pickle.
- Built appointment booking system with secure authentication.

## Technical Skills

**Languages:** Python, JavaScript, TypeScript, C, HTML/CSS, MySQL, PostgreSQL, MongoDB

**Frameworks:** React.js, Next.js, Node.js, Nest.js, Express.js, Redux, Tailwind CSS

**Developer Tools:** Git, GitHub, Google Cloud Platform, AWS

**Miscellaneous:** Generative AI, Docker, CI/CD, GitHub Actions

## Education

TKR College of Engineering & Technology

Oct. 2021 – May 2025

Bachelor of Technology in Computer Science (CGPA: 7.67/10.00)

Hyderabad, Telangana

Sri Chaitanya Junior College

June 2019 – Mar. 2021

Board of Intermediate (Marks: 952/1000)

Jagtial, Telangana

## Achievements

- Google Cloud Arcade 2024 Milestone 3: Gained hands-on cloud computing experience with Google Cloud.