

Venu Sai Madiseti

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Professional Summary

Software Engineer (3 yrs) building Python backend systems for products at the 0→1 stage — built a fitness platform end to end that hit 5,000 users and INR 8,00,000 revenue in 18 days, and now serves 1M+ users across 1,000+ cities. Deep hands-on experience with agentic development infrastructure — MCP servers, agent planning loops, Cursor and Claude Code — cutting planning-to-PR time 60%. Works async with US-based teams.

Education

Indian Institute of Information Technology (IIIT)
B.Tech in Computer Science and Engineering; CGPA: 8.3

Tiruchirappalli, TN, India
2019 – 2023

Technical Skills

- **Python & Backend:** Python, FastAPI, Hexagonal Architecture, PostgreSQL, SQL, AWS Lambda, Node.js/Express, Docker, CI/CD.
- **AI & Agent Tooling:** MCPs (GitHub, Figma, Browser, Coda), agentic planning, Cursor agents, Claude Code.
- **Data & AWS:** PySpark, AWS Glue, S3, Parquet, IAM.
- **Frontend:** React, Next.js, TypeScript, Tailwind.

Experience

- **Fresh Gravity** Pune, MH, India
Consultant, Data Management Mar 2026 – Present
 - Designed a backend module centralizing data validation rules into standalone, reusable entities — enforcing consistent data quality standards across clinical study configurations and eliminating duplication.
 - Implemented audit logging across a legacy backend, enabling full data traceability and auditability for regulated clinical-trials data in a B2B SaaS product.
- **nRev.ai** Pune, MH, India
Software Engineer Jan 2025 – Mar 2026
 - Pioneered Agentic SDLC workflows using MCPs, Cursor Agents, and Claude Code, achieving a 60% increase in development velocity from planning to PR reviews.
 - Architected Python services using Hexagonal Architecture to decouple core logic from external adapters for the B2B SaaS product.
 - Cut processing cost for a 4TB external dataset to \$250 total compute by optimizing PySpark-based AWS Glue pipelines into a consistent Parquet model on S3 — including partitioning strategy and IAM configuration for service access.
 - Designed and built interactive data visualizations using React Flow in Next.js, giving stakeholders clear visibility into complex data relationships.
- **Betacrew Solutions Private Limited** Mumbai, MH, India (Remote)
Software Engineer Sep 2023 – Jan 2025
 - Built the entire platform end to end for a fitness client as a sole engineer — backend (Node/Express + PostgreSQL), web (React + Ionic), and native iOS/Android apps. App links - (iOS, Android).
 - Reached 5,000+ users and INR 8,00,000 revenue within 18 days of launch; now serves 1M+ users across 1,000+ cities in India and abroad, with 100k+ Play Store installs.
 - Owned feature planning, database schema design, and release management across Web, Android, and iOS.
- **basys.ai** Boston, MA, USA (Remote)
Mobile Developer May 2022 – Aug 2022
 - Built two production Android apps and shipped a computer-vision model for diabetic retinopathy detection, working remotely with a Boston-based team.

Achievements & Certifications

- **Hackathons:** Won 4 hackathons; organized IIIT Trichy's first hackathon to promote "Learn By Doing".