SAI SRINIVAS PATIBANDLA

Software Developer

Hyderabad, Telangana | ping2saas145@gmail.com | +91 7799224679 | LinkedIn | GitHub

SUMMARY

B.Tech CSE (AI & ML) graduate with hands-on project experience across the .NET ecosystem, Java/Spring Boot, and Python-based machine learning. Skilled in building full-stack applications, integrating AI/LLM capabilities, and applying ML to real-world problems.

EDUCATION

Ace Engineering College — B.Tech, Computer Science (AI & ML) *CGPA: 8.0 / 10 | 2021 – 2025*

Tapasya Junior College — Intermediate (MPC) *90% | 2019 – 2021*

PROJECTS

ORBITDESK — Help Desk and Ticketing System *GitHub ↗*

- Built a help desk and ticketing platform with ASP.NET Core (.NET 10), EF Core, SQL Server, and a React 19 + TypeScript frontend, with ticket workflow, search and filters, assignment, comments, and change history.
- Secured with Identity and JWT role and ownership checks; added a MailKit email outbox, xUnit integration tests, Docker Compose, and CI.

Tech Stack: *C#, ASP.NET Core (.NET 10), EF Core, SQL Server, Identity, JWT, React, TypeScript, MailKit, xUnit, Docker, GitHub Actions*

Sentinel Fraud Intelligence — ML.NET Fraud Risk Platform *GitHub ↗*

- Built a fraud-risk platform with ASP.NET Core, ML.NET FastTree, SQL Server, and a React + TypeScript dashboard, trained on the public credit-card fraud dataset with a chronological split (PR-AUC, precision, recall, F1).
- Added real-time scoring, an analyst review queue with audit details, a model registry, SignalR alerts, Docker, and CI.

Tech Stack: *C#, ASP.NET Core (.NET 10), ML.NET (FastTree), EF Core, SQL Server, SignalR, JWT, React, TypeScript, xUnit, Docker, GitHub Actions*

Digital Movie Ticket Portal *GitHub ↗*

- Built a Java full-stack movie ticket booking website with Spring Boot 4 (Java 21), Spring Security with JWT, Spring Data JPA, MySQL, and a React + TypeScript frontend, containerized with Docker Compose.
- Implemented concurrency-safe seat holds with pessimistic row locks, verified by an automated two-user race test.

Tech Stack: *Java, Spring Boot, Spring Security, JWT, Spring Data JPA, React.js, TypeScript, MySQL, REST APIs, HTML5, CSS3, Docker, JUnit*

Smart Customer Support System *GitHub ↗*

- Built an AI customer support system with Spring Boot (Java 21), Spring AI, MySQL, and a React + TypeScript frontend, using a local LLM through LM Studio to answer order questions from database records.
- Added backend return-policy handling and a scheduled overdue-delivery scan with internal alerts, run history, and CI.

Tech Stack: *Java 21, Spring Boot, Spring AI, LM Studio, MySQL, React, TypeScript, REST APIs, GitHub Actions*

Atlas Research AI — Local AI Research Assistant *GitHub ↗*

- Built a local AI chat and research app with a Next.js/React/TypeScript frontend and a FastAPI backend, running models locally through LM Studio's OpenAI-compatible API.
- Implemented a LangGraph research workflow combining web search with RAG (FastEmbed, Qdrant); added Docker, pytest, and CI.

Tech Stack: *Python, FastAPI, LangGraph, RAG, Qdrant, FastEmbed, LM Studio, Next.js, React, TypeScript, Docker Compose, pytest*

AADS 4.2 — Automotive AI Security Platform *GitHub ↗*

- Built a vehicle-telemetry ML platform with a Streamlit workspace and a FastAPI scoring service, comparing temporal models against a payload-only baseline on chronological train, validation, and test windows (PR-AUC, ROC-AUC, F1).
- Added Isolation Forest scoring, a model registry, PSI drift reports, 23 pytest tests, Docker Compose, and CI.

Tech Stack: *Python, scikit-learn, FastAPI, Streamlit, Isolation Forest, SQLite, pytest, Docker Compose, GitHub Actions*

SKILLS

- **Languages:** C#, Java, Python, SQL, JavaScript, TypeScript, C
- **.NET Ecosystem:** .NET 10, ASP.NET Core Web API, Entity Framework Core, ASP.NET Identity, SignalR, ML.NET, LINQ, MVC
- **Java Ecosystem:** Spring Boot, Spring Security, JWT, Spring Data JPA, Hibernate, Spring AI, Maven, JUnit
- **Web & Databases:** React.js, Next.js, TypeScript, HTML5, CSS3, JavaScript, Bootstrap; SQL Server, MySQL
- **AI / Machine Learning:** scikit-learn, ML.NET, LLMs, RAG, LangGraph, Generative AI, FastAPI, Streamlit
- **DevOps & Tools:** Docker, Docker Compose, GitHub Actions, Git, GitHub, Azure, Visual Studio 2022/2026, VS Code, Eclipse, Linux
- **Concepts:** Data Structures & Algorithms, OOP, REST APIs, SOLID Principles, Design Patterns, Unit Testing, SDLC
- **AI Assistants:** ChatGPT, Microsoft Copilot, Gemini, Claude

COURSES & CERTIFICATIONS

- **C# Foundational Certification** — FreeCodeCamp, Jan 2026
- **Full Stack Web Development** — GeeksforGeeks, Oct 2025
- **Azure Administrator Associate** — Microsoft, Nov 2025
- **Generative AI Fundamentals** — Databricks, Nov 2025
- **Applied Data Science Certification** — IBM, Sep 2026
- **Java SE 8 Programmer** — Oracle, Jul 2025
- **SQL Associate Certification** — DataCamp, Aug 2026
- **Azure AI Engineer Associate** — Microsoft, Nov 2025
- **Agentic AI Certified Foundations Associate** — Oracle, Aug 2026
- **MePro English Level 10** — Pearson, Jan 2025

CODING PROFILES

- **GeeksforGeeks** — @saideveloper145 **LeetCode** — @CodeKing666 **HackerRank** — @saidev15