Shrinath Sontakke

shrisontakke88@gmail.com **Portfolio** **LinkedIn** **GitHub** **+91 8624070061**

Summary

- **Software Engineer with 1.5+ years of experience** in building scalable backend systems, developing RESTful APIs, and optimizing relational and NoSQL databases using **Python, Django, and SQL.**
- Proven ability to integrate **AI/ML solutions** to automate workflows and enhance application performance. Passionate about contributing to full-stack development, cloud-native architectures, and high-impact software solutions.

Skills

- Programming languages - Python, SQL.
- Web framework - Django, FastAPI, React, Angular.
- Tools & Libraries - NumPy, Pandas, PyTorch, Scikit-learn.
- Cloud & DevOps - AWS, Git, Docker.
- Database - MySQL, PL/SQL, MongoDB.
- Practices - Agile, OOP, SDLC, CI/CD.
- API Testing & Tools - Postman.

Experience

Software Engineer Jun 2023 - Oct 2024
Dynamatix Analytics Pvt Ltd

- **Enhanced risk assessment accuracy by 20%** for **ICICI Bank** by developing and optimizing key backend modules in a large-scale **Risk Management System**, leading to better decision-making and reduced operational issues.
- **Architected and implemented** a **Python-based recommendation engine** for **NPCI (National Payments Corporation of India)** that improved internal decision accuracy by 20%, enabling faster and more data-driven stakeholder reporting.
- **Revamped the Risk Hawk tool** used by **Axis Bank,** modernizing the user interface with **React** and enhancing overall user experience—resulting in a 5% boost in user engagement and satisfaction.

Projects

Astrology AI Agent **Live**
[Python | Django | MongoDB | REST API | LLM | AI Integration]

- Built a conversational **Astrology AI agent** delivering personalized Vedic insights in a Gen Z-friendly tone.
- Developed a **session-based chat system** with **MongoDB** to store and manage real-time conversations, enhancing user experience and engagement.

KYC (Know Your Customer) Application **GitHub**
[React | Django | MongoDB | Tesseract OCR | Machine Learning | TensorFlow]

- Developed a smart KYC solution that **reduced manual verification time by 50%** using machine learning-based document verification.
- Implemented ML models for **automated document checks, fraud detection, face matching,** and **data validation**, ensuring fast and accurate processing.
- **Optimized** the system for **high performance** and **scalability**, enabling it to handle large volumes of data reliably.

Education

Master of Computer Applications(MCA) | Vignan University | CGPA 8.0 |2023 - 2025

- Specialized in Computer Applications, Advanced Data Structures, AI & ML, Software Engineering to drive innovation and deliver impactful solutions.

Bachelor of Computer Science(BCS) | STRMUN University | CGPA 8.75 | 2018 - 2022

- Built a strong foundation in programming, computer systems, and database technologies
- Graduated with consistent academic performance and a focus on applied computer science