

Shrinath Sontakke

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Summary

- **Software Developer 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, 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 Developer Dynamatix Analytics Pvt Ltd

Jun 2023 - Oct 2024

- **Enhanced risk assessment accuracy by 20%** by developing and optimizing core modules for a comprehensive Risk Management system, improving decision-making and reducing project issues.
- Architected and implemented a **Python-based recommendation system** that improved decision-making accuracy by 20%, delivering actionable insights to stakeholders.
- Revamped the Risk Hawk tool using Angular, creating a modern UI and seamless functionality, thereby optimizing user satisfaction and boosting engagement by 5%.

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