

# Sriram Kulkarni

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Software Engineering student with interests in compilers, AI systems, and secure software development.

## EDUCATION

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### JSS Academy Of Technical Education,Bengaluru(VTU)

Bachelor of Engineering in Information Science

2023 - 2027

## TECHNICAL SKILLS

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- **AI & Machine Learning** Agentic AI, LLMs (LangChain, WatsonxAI, Langflow), TensorFlow, PyTorch, Scikit-learn, Data Processing (Pandas, NumPy)
- **Software Engineering & Tools** Python, Java, FastAPI, Spring Boot, React, Docker, Git/GitHub
- **Cloud & Databases** AWS, Azure, MySQL, PostgreSQL, MongoDB, Redis

## PROJECTS

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- **WanderPal Travel Advisor | React, FastAPI, MongoDB Atlas, VectorDB, LangFlow, Docker** Jun 2025 – Aug 2025
  - Built **WanderPal**, an AI-powered travel companion featuring a complete **full-stack architecture** with real-time travel recommendations.
  - Developed the **frontend** using React + TypeScript and the **backend** with FastAPI integrated an AI Agent using **LangFlow framework** for dynamic AI workflows.
  - Designed and implemented **custom LangFlow components** to enhance contextual travel suggestions for hotels, restaurants, and transport with real-time pricing; secured **3rd place in IBM Hackathon**.
  - Deployed the AI workflow inside a **Docker container** to integrate seamlessly with the web app, ensuring scalability and production readiness.
  - Enhanced the platform as a **one-stop travel solution** with secure **payment integration**, a **trending page** showcasing popular destinations nearby, and **real-time user feedback**.
  - **GitHub:** [github.com/BEASTSHIRAM/WanderPal](https://github.com/BEASTSHIRAM/WanderPal)
- **RakshakAI-Real-Time Cybercrime Intelligence & Monitoring System** Jan 2025 – Present
  - AI/ML, Cybersecurity, Agentic AI
  - Developed an **AI-driven platform** for Bengaluru Cyber Crime Police to analyze IPs, URLs, phone numbers, and scam messages in real time, reducing investigation time from hours to seconds.
  - Built **ML models for IP risk classification, scam URL detection, and NLP-based fraud message identification** using Python, scikit-learn, TensorFlow, and BERT.
  - Integrated **Agentic AI workflows** (LangChain) to autonomously generate forensic reports, correlate indicators, and recommend next-step actions.
  - Implemented a **threat-intelligence pipeline** combining RDAP, Passive DNS, AbuseIPDB, VirusTotal, Hunter.io, and WHOIS for OSINT enrichment.
  - Designed a **real-time monitoring engine** using FastAPI + React.js to alert police about emerging threats and linked criminal infrastructure.
  - Created a **forensic evidence module** generating tamper-proof, hash-signed PDF reports suitable for law-enforcement workflows.

## AWARDS & RECOGNITION

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- Secured 3rd Place (Track 3) in the [IndiaAI Impact Gen-AI Hackathon](#) organised by **Indian Institute of Science Bengaluru, IBM and Cisco**.
- Recognized as a **Level 6 (Super Contributor)** in Open Source at [Hacktoberfest](#), contributing to multiple repositories and fostering open-source collaboration.

## CERTIFICATIONS & ADDITIONAL INFORMATION

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- **Languages:** English (Professional), Kannada (Native), Hindi
- **Volunteer Experience:** Serving as a **Google Student Ambassador**, conducted coding workshops for juniors, and promoted developer community initiatives.
- **Oracle Cloud Infrastructure AI Foundations Associate** — Certified by Oracle University for foundational AI and cloud integration concepts.