

RISHITA SHAW

Bengaluru, Karnataka, India · +91 7073998377 · rishitashaw49@gmail.com · [linkedin.com/in/rishitashaw](https://www.linkedin.com/in/rishitashaw) · github.com/rishitashaw · rishitashaw.github.io

PROFESSIONAL EXPERIENCE

Flipkart

Software Development Engineer I

May 2025 – Present

- Engineered scalable synchronous & asynchronous microservices using Java, Spring Boot, and Kafka, enabling high-throughput, low-latency communication for Flipkart's Assets Inventory platform.
- Designed and optimized REST and event-driven APIs, integrating with distributed systems to streamline asset lifecycle management and improve system responsiveness.
- Diagnosed and resolved critical variance issues, reducing failure quantum and improving overall platform reliability, resulting in more accurate and consistent inventory tracking.

ZS Associates

Software Engineer

Aug 2024 – May 2025

- Engineered scalable backend APIs using FastAPI for internal AI tools, ensuring high performance and seamless integration with enterprise systems.
- Leveraged LangChain and microservices architecture to develop modular, maintainable solutions optimized for LLM workflows.
- Optimized system efficiency by collaborating with cross-functional teams to fine-tune AI models and deploy enhancements aligned with business objectives.

OpenHouse - Product Team

Product Engineering Intern, Internship

Aug 2023 – Jan 2024

- Designed and implemented data pipelines using Apache NiFi, cutting data processing time by 30% and boosting efficiency by 25%.
- Integrated Apache NiFi with diverse tools, enhancing data accessibility by 40% and enabling real-time analytics for a 15-member cross-functional team.
- Optimized Apache NiFi configurations, reducing data transfer bottlenecks by 50% and increasing data throughput by 60% with parallel processing strategies.

EDUCATION

Bachelor of Technology (BTech), Electrical Engineering

8.06/10 · 2024

National Institute of Technology, Durgapur, India

PROJECTS

OpsMind | AI-powered SRE/DevOps Knowledge Repository & Incident Management System

Personal Project

git.io/opsmind

- Designed and built a multi-agent system using Google ADK, integrating historical incident logs and Jira datasets with RAG-based semantic search to enable intelligent troubleshooting, pattern recognition, and automated postmortems.
- Implemented production-grade features including safety guardrails, input validation, web search fallback, and optional real-time Jira integration for continuous incident monitoring and knowledge updates.

Dr. Strange | Design and Implementation of FIDO2 compatible Smart Medical Card for Healthcare Information System

Published in International Journal of Critical Computer-Based Systems

git.io/medical

Prof. Sibi Chakkaravarthy Sethuraman, VIT AP

- Designed and developed a FIDO2-compatible Smart Medical Card for a cloud-based healthcare system, ensuring compliance with government regulations and prioritizing patient privacy; published in the *International Journal of Critical Computer-Based Systems*.
- Strengthened cloud computing models with advanced security measures, ensuring data confidentiality and alignment with industry standards to protect sensitive patient information.

SKILLS

Java, Spring Boot, Microservices (Sync/Async), REST APIs, Event-Driven Architecture, Kafka, SQL, MongoDB, Docker, Git, GitHub, Jira, C, C++, Python, JavaScript, HTML, CSS, Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Competitive Programming

ACHIEVEMENTS

Speaker	Presented on "Enhancing FIDO2 Security for Safety-Critical Applications" at <i>Open Source Summit Japan</i>	2023
Press Publication	Received prominent recognition and exposure in the esteemed publication, <i>The Economic Times</i> .	2023
Rank 1	Forbes India - Unstoppable E-School & UG College Women Leaders	2023
Rank 5	Forbes India - Unstop Competitive Leaders	2023
3 stars	Achieved the highest rating of 1647 on CodeChef. Tackled 700+ coding problems on GeeksForGeeks and LeetCode .	2023
Fellowship	Xartup 9th cohort, August Batch	2022
First Runner Up	Microsoft Imagine Cup India Championship	2022
Finalist	Jumpstart by Publicis Sapient. Qualified among 30,000+ participants	2022
Finalist	Azure Women Hackathon by Microsoft	2022
Finalist	Smart India Hackathon for problem statement DK734	2022
Finalist Top 10	ION<athon> 1.0 by ION. Top 10 among 3000+ teams	2022
Second Runner Up	Hack-O-Uplift Hackathon by The Uplift Project, GirlScript Foundation	2021

CERTIFICATIONS

DP900 Microsoft Azure Data Fundamentals

Microsoft · 2022

Validated knowledge of data concepts, storage, processing, and visualization in Azure, and best practices for data security, privacy, and compliance.

1Z0-1085-22: Oracle Cloud Infrastructure Foundations Associate

Oracle Cloud Infrastructure · 2022

Demonstrated expertise in fundamental cloud infrastructure concepts and best practices on the Oracle Cloud platform.