

Sai Sri Harsha P

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SKILLS SUMMARY

- **Languages:** C, Core Java, SQL
- **Frameworks:** Spring MVC, Spring Boot, Hibernate, Spring Data JPA, JUnit
- **Database/Cache:** MySQL, Oracle SQL, PostgreSQL, Elasticsearch, EhCache, Redis
- **DevOps & Tools:** Jenkins, Maven, Docker, Kubernetes, GIT, Eclipse, STS, Grafana, Swagger, Agile, Scrum

EXPERIENCE

- **Concentrix Catalyst Private Limited** Hyderabad
Software Engineer II May 2021 - Present
 - Leading backend service developer for the HDFC Tradeflow platform using Java and Spring Boot.
 - Participated in architectural discussions, requirements analysis, and microservices design.
 - Developed and maintained key modules including Circular Master, OFAC Stepper, and HDFC Bad Guys Master thereby reducing manual work hours by 90% in those modules.
 - Designed and implemented Tradeflow Report microservice from the ground up to extract and aggregate txn data.
 - Integrated RabbitMQ for message-based asynchronous communication; configured Exchanges, Queues, and DLQs.
 - Built a custom Scheduler Service for automation of 5 critical recurring business processes saving 20+ hours/month manual effort.**Tech:** Java, Spring Boot, Spring Data JPA, PostgreSQL, EhCache, Google Cloud Platform.
- **Tata Consultancy Services Ltd.** Chennai
Systems Engineer Nov 2017 - May 2021
 - Contributed to application development for a client project with Nielsen.
 - Implemented Role-Based Access Control (RBAC) for enhanced security.
 - Resolved critical security vulnerabilities and delivered performance enhancements.
 - Oversaw the maintenance of application servers and databases, ensuring uptime and reliability.
 - Contributed to release and deployment planning across multiple environments.
 - Engineered a master-slave configuration mechanism for the Apache ActiveMQ server for high availability thereby reducing message delivery failure rates by 50%.**Tech:** Java, Spring MVC, Hibernate, Jenkins, Apache ActiveMQ, Oracle Database, PostgreSQL

PROJECTS

- **Asset Inspection Management (AIM):** Developed a comprehensive scalable application to streamline the management of 100+ API audit rules and track evaluation results across the organization, enhancing compliance visibility and operational efficiency.
Tech: Java, Spring Boot, Spring Data JPA, MySQL, Microsoft Azure
- **Application Testing Framework (ATF):** Introduced two new keywords for authentication and authorization support in the open-source Karate Framework to improve test automation capabilities.
Tech: Java, Spring Boot, Karate, Swagger API
- **Server Access Request Form (SARF):** Created a tool to automate the generation of access tickets in Nielsen-ServiceNow across all environments for application servers and databases reducing manual effort by 80%.
Tech: Spring MVC, REST API, Postgres

PUBLICATIONS

1. Sanya Anees, Pillarisetty Sai Sri Harsha, and Manav R Bhatnagar. On the performance of af based mixed triple-hop rf/fso/af communication system. In *Personal, Indoor, and Mobile Radio Communications (PIMRC), 2017 IEEE 28th Annual International Symposium on*, pages 1–6. IEEE, 2017

EDUCATION

- **Indian Institute of Information Technology** Guwahati, India
Bachelor of Technology - Electronics and Communication Engineering; GPA: 8.28 May 2017

ACHIEVEMENTS AND AWARDS

- Ranked 5th in my Bachelor's class at IIIT Guwahati
- Awarded ILP Kudos during initial training at TCS
- Won the Star Team Award and On-the-Spot Award at TCS for delivery of high-impact projects under tight deadlines.