

Sriharsha Tulluri

Senior Full Stack Engineer

Experienced Senior Software Engineer with nearly 13 years of comprehensive expertise across Java, Golang, Python, C++, and JavaScript/TypeScript (Angular, React). Proficient in data engineering, SQL, NoSQL databases, and possesses a deep understanding of data structures, algorithms, design patterns, and distributed systems. Demonstrates mastery in security principles, multi-threading, asynchronous programming, high throughput, and low-latency concepts. Skilled in architecting, developing, and deploying scalable software and data solutions while adhering to clean code/architecture standards and best practices. Proficient in cloud computing platforms, particularly AWS, and adept in DevOps practices. Exhibits strong leadership qualities with a proven track record of effective team management and collaboration.

WORK EXPERIENCE

Senior Full Stack Engineer

myToys.de GmbH

03/2023 - Present

Berlin, Germany

Achievements/Tasks

- Led the design, development, deployment (AWS EKS) and maintenance of a microservices utilizing Java (Spring Boot) and Golang, integrating Restful APIs, gRPC endpoints, and Kafka messaging for robust communication and scalability. Additionally, contributed to frontend development, employing React with TypeScript
- Efficiently managed AWS infrastructure using Terraform. Reduced cloud expenditure through the implementation of cost-saving strategies
- Implemented CI/CD pipelines to automate build, deployment and operations
- Provided on-call support to expedite resolution of application and infrastructure issues

Senior Software Engineer

Optum Global Solutions (India) Private Limited

07/2020 - 06/2022

Achievements/Tasks

- Crafted and implemented microservices using Java(Spring Boot WebFlux), aimed at empowering healthcare providers to elevate patient care, identify risks, and uncover opportunities for improving treatment outcomes
- Designed and implemented robust ETL processes, integrated Change Data Capture (CDC) leveraging Kafka, and executed large-scale data processing tasks using PySpark. Collaborated on various data services to streamline data workflows and enhance analytical capabilities
- Participated in frontend development tasks using Angular, actively contributing to the creation of intuitive user interfaces
- Engaged in investigating and fine-tuning performance issues to optimize application efficiency
- Performed Proof of Concepts (POCs) across AWS, Azure, and Google Cloud Platform (GCP) to evaluate various cloud data and machine learning services. Analyzed factors including performance, scalability, cost-effectiveness, and integration capabilities to guide strategic decision-making and enhance cloud infrastructure solutions
- Shared team leading and mentoring responsibilities



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github.com/harsha-fsd



SKILLS

Java 17 ,Go (Golang), Python 3, C++ 20, Shell Scripting

React JS, Angular, JavaScript/TypeScript, HTML5, CSS3

Spring Boot, Hibernate (JPA)

Apache Kafka, Apache Spark

PostgreSQL, Redis, MongoDB, Cassandra, ElasticSearch

Cloud: Amazon Web Services (AWS)

DevOps: Git,Terraform, Ansible, GitHub Actions,Docker, Kubernetes,OpenShift, Istio, Helm, Argo CD, Prometheus, Grafana, ELK Stack



CERTIFICATIONS

AWS Certified Solutions Architect Professional

https://www.credly.com/badges/fc388c1f-feb1-45ef-a4ec-adc6dd0708f2/public_url

The Open Group Certified: TOGAF® Enterprise Architecture Practitioner

https://www.credly.com/badges/cde07702-13b7-426a-a480-4dee5236b3ba/public_url



EDUCATION

Bachelor of Technology - Information Technology (IT)
Jawaharlal Nehru Technological University (JNTU)



WORK EXPERIENCE

Manager

Hitachi Consulting

10/2018 - 05/2019

Achievements/Tasks

- Architected and developed a cloud-native application leveraging Spring Boot for backend services, React JS for frontend interfaces, and seamlessly integrated with AWS cloud services for scalability, reliability, and performance
- Led Cloud advisory initiatives, managed stakeholder relationships, conducted client demos, facilitated code reviews, and orchestrated daily scrum meetings to ensure effective collaboration and delivery of high-quality solutions
- Managed a geographically dispersed team of 4-5 members

Senior Development Engineer

DBS Bank (Development Bank of Singapore)

10/2016 - 07/2018

Achievements/Tasks

- one of the key developers of the team that crafted the world's largest open banking API developer platform, using as Java 8, Spring Boot, API Gateway, Microservices following the 12 Factor App methodology, Netflix OSS, REST, RabbitMQ, MariaDB, Redis, ELK Stack, AWS and OpenShift to deliver a robust and comprehensive ecosystem of the most relevant banking APIs
- Built Angular frontends enabling intuitive and seamless interaction with backend services
- Utilized Python and shell scripting to automate various tasks, enhancing efficiency and productivity within the workflow
- Led the incremental migration of Oracle database to MariaDB, orchestrating seamless transitions of data and schemas while minimizing disruption to operations and ensuring data integrity and consistency throughout the process
- Provided comprehensive support to both internal and external partners, facilitating seamless integration of APIs and ensuring smooth collaboration and communication throughout the integration process

Principal Software Engineer

OSI Digital

06/2015 - 08/2016

Achievements/Tasks

- Contributed to the development of key features for the US-based e-commerce website Macys.com, a client of OSI Digital, leveraging Java, Spring, Hibernate, RESTful Web Services, Elastic Search, Redis, RabbitMQ, Cassandra, SQL, AngularJS, HTML, CSS, and JavaScript
- Participated in on-call rotations to swiftly address critical incidents, troubleshoot issues, and ensure the stability and availability of the application

Software Engineer - Intermediate

Blue Yonder (formerly JDA Software)

01/2012 - 05/2015

Achievements/Tasks

- Involved in end-to-end development of JDA POS software and facilitated product customization for diverse clientele, ensuring tailored solutions aligned with individual business needs and driving customer satisfaction. using technologies Core Java, Swings, Multithreading, C++, EJB, Hibernate, RESTful Web Services, Active MQ and My SQL

Software Program Analyst

Shris Infotech Services

12/2008 - 12/2011

Domain: Healthcare

Achievements/Tasks

- Contributed extensively to the development of the EMR (Electronic Medical Records) application, covering diverse facets such as server-side code development utilizing Java, Spring framework, and JPA, as well as implementing front-end solutions using GWT (Google Web Toolkit)
- Worked on product customization initiatives for Nightingale Inc., collaborating closely with the client to tailor solutions that meet their specific needs and requirements