

Personal Details

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LinkedIn:

Linkedin.com/in/rishirajopenminds GitHub: Github.com/rishiraj88

Certificates

- Project Management: Agile Software Development Transforming Your Organization PMI
- Java 21: Design Patterns
- Secure API Design
- Full Stack Dev with AWS, React, Node, TypeScript
- Kubernetes Monitoring with Prometheus/Grafana
- SAP: S/4HANA ERP, Fiori, MM, SD, PP, HCM
- GCP: Terraform, BigQuery
- RDBMS: Advanced SQL with Oracle DB
- PCI-DSS; Information Security (InfoSec) ISO 27001

Skills

- Agile- DDD, Kanban, Scrum, SAFe, JIRA, Confluence
- Observability- Prometheus, Grafana Loki, Tracing, Splunk
- APIs & Messaging- BigQuery, SQL, ElasticSearch, React Query, Managed Kafka, gRPC, GraphQL, REST API, HTTP API
- Database Tech- In-Cloud DBs, MySQL, MongoDB, Redis, Postgres, Oracle
- Backend- Spring 6 (Spring Boot 3, Cloud, Data, Security), Quarkus, Java 21, Kotlin,

Rishi Raj

Senior Full Stack Developer (Java/TypeScript)

Achievements

- Won 100% Customer Satisfaction (CSAT) every year by delivering lean solutions, with client feedback in Retail.
- Saved 10K GBP of TCO by proposing, implementing and then delivering a very simple and ultra-fast solution for a global Banking leader.
- Have earned 5-star rating from client upon delivery of freelancing project in AI/ML arena among others.
- Achieved a quicker time-to-market for customer-facing Cloud Services Platform of Business Partner by testing its pre-launch offering.
- Delivered **fantastic user experience** with **improved API performance by 10**% by introducing **test automation**.
- Won 2 work contracts (SoW), and designed, built and delivered the solutions to respective clients.
- Achieved multi-tenancy for a customer-facing **full stack cloud application** for a major InsurTech player.

Experience (10+ Years in Full-Stack Development)

Hobby Projects

04.24 - Present

https://github.com/rishiraj88

- Design, build, document, operate and test, monitor
 GraphQL + REST APIs with OpenAPI/SwaggerUI.
- Transformed monolithic apps into microservices.
- Implemented authentication between Angular frontend and Spring app with Keycloak/OpenIDC.
- Now performing SAST of apps with Prometheus.
- My favourite Microservice project is <u>Order Manager</u>, which demonstrates REST & HTTP APIs as well as event-driven <u>asynchronous communication</u> and <u>K8s</u>.
- I love: <u>Python Notebooks</u>, NumPy, pandas, PyTorch,
 OpenCV, matplotlib, Seaborn, Beautiful Soup, Scrapy
- Cloud, DevOps, Kubernetes Deployment, HTTP API, REST, GraphQL, OAuth2, NextJS, React 19, Angular 18, NodeJS, Spring Boot 3, Java 23, Kotlin, Microservices, Kafka, CI/CD, Git, Observability, Metrics, Maven, Gradle

Amadeus, Frankfurt 10.23 – 03.24 Senior Java Software Engineer (Full Stack, with APIs)

- Led numerous project activities for various clients, including new "Search and Booking Experience" and existing ones- "Hotel Availability-Search-Booking", "Flight Booking-Ticketing" and "Seat Allocation".
- Prepared the roadmap and defined user stories in collaboration with Product Owner and BDef Analysts.
- Using DevOps (CI/CD pipelining) and Swagger UI, managed release rollouts through fast iterations for secure integration with 3rd-party APIs.

- NodeJS, NextJS SSR, Flask
- Web & Frontend- Angular 17+, NextJS, React 19, Vite, Redux, Tailwind, Bootstrap, HTML5, LESS/SASS, Thymeleaf
- Cloud-Azure AKS, AWS, GCP, Serverless, IAM, OAuth, MQ
- CI/CD / DevOps- In-Cloud DevOps, Git, Jenkins, Docker, Kubernetes Deployment, Maven, Gradle, Terraform
- Client Support- Remedy (INC, REQ), Client Interfacing
- Quality- Unit testing, API testing, Contract testing, Integration testing, UAT, JUnit, Cypress, Jest, RTL, Sonar
- Design Patterns- Event Sourcing, Microservices Architecture, API Gateway, High Availability, Scalability, Fault Tolerance
- VM, Linux, Bash Scripting, Cockpit, Networking, M365
- Data Science, ML NumPy, pandas, matplotlib, Seaborn, Beautiful Soup, Scrapy, scikitlearn, Computer Vision, Streamlit

Business Domains Served

- Digitalization- Cloud Migration, APM, BPMN, ERP, Customer Support, Developer Experience, OData, ABAP
- e-Commerce, Online Retail (Order, Payment, Courier), Auto Insurance, Telecom, PowerGen
- FinTech- Institutional Banking, Investment Banking, Money Markets, Insurance

Language Competence

- English C2 (bilingual)
- German A2/B1 (lower intermediate)

- Observed and monitored the deployed services with Prometheus/Grafana/Elasticsearch and OpenShift.
- Participated in technical discussions across teams and decided on strategies, powered with A/B testing and guided by IATA NDC compliance.
- Operated and tested the cloud-native apps for nonfunctional requirements regularly.
- Azure DevOps, Serverless, SAFe, Microservices, REST, GraphQL, OAuth2, Templates, Angular 17, NodeJS, Java 21, Spring Boot 3, Jakarta EE, Kafka, NoSQL, SQL, Hibernate, Redis Store, Logging, Prometheus, XML, JSON, OpenAPI, Production Support, OpenShift

AND-E (Toyota Insurance), Ismaning o Java Developer (Full Stack with React)

03.23 - 08.23

- Transformed the monolithic project into resilient microservices with Kubernetes and Cloud Migration.
- Implemented User Account module for customerfacing Portal with OAuth2/ OpenID Connect.
- Delivered customer delight with smooth user experience and high availability with: CI/CD automation, Elasticsearch stack, Grafana and EKS.
- Maintained documentation of requirements precisely, their translation into technical artefacts, and deployments with test automation.
- Actively participated in cross-team technical discussions and made decisions to assist Platform Services team (IT Infrastructure). Cloud, CI/CD, FAAS, AWS ECS, REST APIs, Spring Boot, Java 17, NextJS/React, OAuth2, Keycloak, Postgres, Test Automation (JUnit, React Testing Library), Monitoring, Jenkins

Education

B.Tech. (Information Technology)

2005 - 2009

University Degree in Engineering [Maths, Physics, Computer Science] Guru Gobind Singh Indraprastha University (India)

Key Skills: Angular, React, NextJS, NodeJS, TypeScript, Spring Boot, Quarkus, JPA, Event-driven Microservices, GraphQL, REST APIs, Cloud (Azure DevOps, Azure AKS, AWS EKS, GCP GKE), Performance Improvement, API Integrations, Automated Testing, Reliability with Scalability (Kafka, K8s), Agile DevOps, Feature Ownership

Interest Areas: High-Performance App Design, 4A (API Integrations, Angular, Azure, AI), Mathematics & Algorithms, Observability, DevOps (2K: Kafka, Kubernetes)



Angular Essential Training

Course completed by Rishi Raj Aug 05, 2024 at 12:01PM UTC • 2 hours 41 minutes

Top skills covered

Angular









Learning Static Code Analysis

Course completed by Rishi Raj Aug 29, 2024 at 02:15PM UTC • 54 minutes

Top skills covered

Static Analysis

DevSecOps









Kubernetes: Monitoring with Prometheus

Course completed by Rishi Raj
Jul 15, 2024 at 08:03AM UTC • 1 hour 10 minutes

Top skills covered

Prometheus.io

Kubernetes









Kubernetes: Microservices

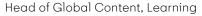
Course completed by Rishi Raj Jul 26, 2024 at 09:10AM UTC • 1 hour 20 minutes

Top skills covered

Kubernetes

Microservices









Data Analytics with Google Cloud BigQuery and Looker Studio

Course completed by Rishi Raj Jul 17, 2024 at 12:12PM UTC • 1 hour 5 minutes

Top skills covered

Data Analytics

Google BigQuery

Looker (Software)









Prepare for the Databricks Certified Data Engineer Associate Certification

Learning Path completed by Rishi Raj Jul 20, 2024 at 10:48AM UTC • 2 hours 21 minutes

Top skills covered

Data Processing

Data Engineering

Data Governance









Introduction to Data Science

Course completed by Rishi Raj
Mar 09, 2024 at 09:27AM UTC • 2 hours

Top skills covered

Data Science

Head of Content Strategy, Learning







Introduction to Spark SQL and DataFrames

Course completed by Rishi Raj Aug 12, 2024 at 02:43PM UTC • 1 hour 54 minutes

Top skills covered

Apache Spark

SQL









Apache Spark Essential Training: Big Data Engineering

Course completed by Rishi Raj
Aug 12, 2024 at 08:19PM UTC • 1 hour 2 minutes

Top skills covered

Apache Spark

Data Engineering



Head of Global Content, Learning





Node.js: Securing RESTful APIs

Course completed by Rishi Raj Jul 02, 2024 at 07:39PM UTC • 58 minutes

Top skills covered

REST APIs

Node.js









Using MongoDB with Node.js

Course completed by Rishi Raj Jul 25, 2024 at 08:16AM UTC • 46 minutes

Top skills covered

 ${\sf MongoDB}$

Node.js









Build a Faster, More Structured Express API with Node.js and TypeScript

Course completed by Rishi Raj
Apr 01, 2024 at 04:29AM UTC • 50 minutes

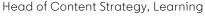
Top skills covered

API Development

Node.js

TypeScript









Kubernetes: Microservices

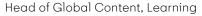
Course completed by Rishi Raj Jul 26, 2024 at 09:10AM UTC • 1 hour 20 minutes

Top skills covered

Kubernetes

Microservices









Learning Spring 6 with Spring Boot 3

Course completed by Rishi Raj
Mar 04, 2024 at 08:57PM UTC • 1 hour 49 minutes

Top skills covered

Spring Boot

Spring Framework









Spring: Spring Security

Course completed by Rishi Raj
Mar 14, 2024 at 01:51PM UTC • 1 hour 31 minutes

Top skills covered

Spring Security

Spring Framework



Head of Content Strategy, Learning





Advanced Spring: Application Events

Course completed by Rishi Raj Mar 14, 2024 at 09:09PM UTC • 43 minutes

Top skills covered

Software Architectural Design

Spring Framework









Java Frameworks: Quarkus vs. Spring

Course completed by Rishi Raj
Mar 15, 2024 at 07:49AM UTC • 1 hour 26 minutes

Top skills covered

Java

Spring Framework

Quarkus





