



Personal Details

Mobile: +49-1575-328-4088

Email: rishi.raj.88@gmail.com

Location: Munich, DE (open)

LinkedIn:

[Linkedin.com/in/rishirajopenminds](https://www.linkedin.com/in/rishirajopenminds)

GitHub: [Github.com/rishiraj88](https://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 **Order Manager**, which demonstrates REST & HTTP APIs as well as event-driven **asynchronous communication** and **K8s**.
- I love: **Python Notebooks**, 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, scikit-learn, 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 non-functional 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 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 customer-facing 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

A stylized, handwritten signature in black ink that reads "Dan Brady".

Head of Global Content, Learning



Certificate ID: 0482e5ee3554de3a029ddb6d32369d3683e987aef81e887bc43256699f5de58



Learning Static Code Analysis

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

Top skills covered

Static Analysis

DevSecOps

A stylized, handwritten signature in black ink that reads "Dar Brodnitz".

Head of Global Content, Learning



Certificate ID: 8fc9cc006b95509d7701954a827014aa3a98209df8e30e73e7f8d2206e0f84a4



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

A stylized, handwritten signature in black ink that reads "Dar Brodnitz".

Head of Global Content, Learning



Certificate ID: fc3c77d97f71e4b172b4493c14110311d7dbde8454d478c2dfcfa08496f736dc



Kubernetes: Microservices

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

Top skills covered

Kubernetes

Microservices

A stylized, handwritten signature in black ink that reads "Dan Rodnitzky".

Head of Global Content, Learning



Certificate ID: 67485999d41b365724d395bb99de0c3a7dca3cfb4c3abb250bf4d1b7046640a3



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)

A stylized, handwritten signature in black ink that reads "Dar Brodnitz".

Head of Global Content, Learning



Certificate ID: 9fea0a9220d2796fa9e729d10f32072f4b0e78f724f9388bd8379dee1de97af8



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

The Databricks logo, which is a stylized, handwritten-style "Databricks" in a dark blue color.

Head of Global Content, Learning



Certificate ID: bf7a403b811263205d8cffbe59a0b7446d2c4bcc086bc8a33df59d4e56077129



Introduction to Data Science

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

Top skills covered

Data Science

A handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, Learning



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Program: PMI® Registered Education Provider
Provider ID: #4101
Activity #: 4101QQ766E
PDUs/ContactHours: 2.00
Certificate ID:
5f435fba6d203b1a86f77357c36ca6f85dc072eb485ba4f0d892700f405595ce





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

A stylized, handwritten signature in black ink that reads "Dar Brodnitz".

Head of Global Content, Learning



Certificate ID: 98c23f109b8b23ca4ec12488f86edb107c555422bd61907435e19aa8def9fe53



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

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Head of Global Content, Learning



Certificate ID: 2275f7cf22893960a562fc4341b349bea33fc9d1b7a780109c04f57b422b11d



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

A stylized, handwritten signature in black ink that reads "Darin Rodriguez".

Head of Global Content, Learning



Certificate ID: 06628b9e6fe29fc2f0fb90528b9903e90f6f43a45428a49c5ecb97056c882f49



Using MongoDB with Node.js

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

Top skills covered

MongoDB

Node.js

A stylized, handwritten signature in black ink that reads "Darin Rodriguez".

Head of Global Content, Learning



Certificate ID: fa6a8aac610dbac35e0ecfad18ba08f75cfc321521fef524362a76a6929e31a3



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

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Head of Content Strategy, Learning



Certificate ID: 00977e65508e92118953cf655c7421ced64ba3ec9cb7eda0c08f0f210b103b42



Kubernetes: Microservices

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

Top skills covered

Kubernetes

Microservices

A stylized, handwritten signature in black ink that reads "Dan Rodnitzky".

Head of Global Content, Learning



Certificate ID: 67485999d41b365724d395bb99de0c3a7dca3cfb4c3abb250bf4d1b7046640a3



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

A stylized, handwritten signature in black ink that reads "Dan Rodnitzky".

Head of Content Strategy, Learning



Certificate ID: e681f136296a472b98c4a13cdc92dfc4d81509b656f65173105af30b913cefa1



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

A stylized, handwritten signature in black ink that reads "Dan Brodnitz".

Head of Content Strategy, Learning



Certificate ID: bdf654181348c9549f5902be9512adb216cca1e2fab5790646d088675bbb1962



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

A stylized, handwritten signature in black ink that reads "Darin Rodriguez".

Head of Content Strategy, Learning



Certificate ID: f82f7bddbf6c7c44bf4b1f354bbc983a022917a08848743da4a99e862a50b14b



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

A stylized, handwritten signature in black ink that reads "Dan Bodnity".

Head of Content Strategy, Learning



Certificate ID: 2586659085e4c3f8b7d7b73dc46997484d705d9a17a4970fb1f7ce130c9fc828