

JACKIL RAJNICANT

Software Engineer

41 Scarle Road, Wembley, HA0 4SR | 07508207637 | jackilrajnicant@gmail.com | <https://jackil-r.github.io/>

PROFILE:

Versatile Software Engineer with 6+ years of experience across Java and TypeScript, specializing in backend and cloud-based solutions. Collaborative problem-solver who thrives in agile teams, with a strong foundation in databases and scalable system design. Passionate about clean code, continuous learning, and delivering impactful software solutions.

WORK EXPERIENCE:

SOFTWARE ENGINEER (TYPESCRIPT)

July 2023 – Present

ITV – London, UK

- Greenfield development to automate legacy business processes, designing and delivering RESTful APIs using TypeScript, AWS Lambda, API Gateway, and Terraform with CI/CD via GitHub Actions
- Built and deployed complex, event-driven microservice architectures featuring containerized services, distributed queues, DynamoDB, third-party integrations, and consumer-driven contract testing.
- Independently implemented data migration tools and collaborated with cross-functional teams to deliver scalable APIs consumed across internal engineering teams.

SOFTWARE ENGINEER (JAVA)

March 2021– Present

ITV – London, UK

- Redesigned a legacy .NET MVC application into a modern AWS cloud-native platform, developing serverless Kotlin backends with Lambda and API Gateway, and delivering a React + TypeScript frontend.
- Built CI/CD pipelines aligned with AWS best practices, earned AWS certifications to mature DevOps capabilities, and provided support and enhancements across a portfolio of ~15 applications in close collaboration with cross-functional stakeholders.
- Owned the full SDLC across ~15 applications, from requirements to production support; built CI/CD pipelines following AWS best practices and advanced DevOps maturity through AWS certifications and cross-functional collaboration.

JUNIOR SOFTWARE ENGINEER

September 2018 – March 2021

ITV – London, UK

- Contributed to a major digital transformation program, developing both monolithic and microservices-based applications using Java 8 and Dropwizard.
- Built and maintained cloud infrastructure using AWS services such as EC2, Lambda, API Gateway, S3, RDS, DynamoDB, and Step Functions, with IaC via CloudFormation.
- Automated CI/CD pipelines with CircleCI, gaining hands-on experience in scalable deployment and infrastructure automation.

GRADUATE DATABASE ADMINISTRATOR

June 2017– September 2018

MUFG Securities EMEA plc– London, UK

- Managed and supported multiple concurrent-user databases across development, testing, and production environments on Sun Solaris and Windows, ensuring data integrity, accessibility, and reliability.
- Performed database administration tasks including performance tuning, backup and recovery planning, security, patching, log analysis, and issue escalation (Level 3 support).
- Maintained operational efficiency by refreshing environments with production data, generating inventory reports, monitoring sessions, and coordinating with vendors to resolve database bugs.

EDUCATION:

BSc COMPUTER SCIENCE ~ 1st

September 2013 – July 2016

Queen Mary, University of London

SKILLS:

- Programming Languages: Java, TypeScript, Kotlin, Bash
- Framework: Spring Boot, Dropwizard, Junit, Serverless, Jest, Cucumber, Mockito
- Database: Oracle, MS SQL, Postgres, DynamoDB
- Infrastructure Management: Cloudformation, Terraform
- Operating System: Linux, MacOS, and Windows
- Build/CI/CD tools: Jenkins, Circle CI, GitHub Actions, Maven, NPM, Gradle
- Agile Methodologies: TDD, BDD, Pair programming, Scrum, Kanban, Jira/Confluence
- Other: AWS, Docker, REST, GraphQL, Git, New Relic, Datadog, G Suite, PACT