

# JACKIL RAJNICANT

## Software Engineer

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

**PROFILE:** Results-driven Software Engineer with 6+ years of experience designing and building scalable backend systems in Java and TypeScript, with a strong focus on AWS cloud-native architectures. Proven track record of delivering production-grade APIs, automating manual workflows, and improving deployment pipelines across high-traffic applications. Skilled in CI/CD, serverless computing, and infrastructure-as-code. Known for delivering robust solutions in cross-functional teams and driving initiatives that reduce technical debt and accelerate feature delivery.

- WORK EXPERIENCE:**
- SOFTWARE ENGINEER (TYPESCRIPT)** July 2023 – Present

ITV – London, UK

  - Developed AWS Lambda APIs with TypeScript to automate 5+ legacy processes, cutting manual work by ~60%.
  - Built event-driven microservices processing 100K+ daily events using SQS, DynamoDB, and third-party APIs.
  - Delivered internal APIs for 10+ teams, reducing integration bugs by 35% via contract testing and documentation.
  - Independently worked deploying a containerized data migration tools with Terraform, enabling transfers with zero data loss from legacy database.
- SOFTWARE ENGINEER (JAVA)** March 2021– Present

ITV – London, UK

  - Migrated and Rebuilt legacy .NET apps into a Kotlin/Java/AWS platform, improving speed by 50% and reducing infra costs by 40%.
  - Owned SDLC for 15+ apps, achieving 95%+ SLA compliance and still driving production support excellence.
  - Built and migrated CI/CD pipelines to CircleCI, cutting deploy time from 45 to 15 minutes.
  - Took initiative to upskill in DevOps practices and AWS, laying the foundation for subsequent promotions and broader engineering responsibilities.
- JUNIOR SOFTWARE ENGINEER** September 2018 – March 2021

ITV – London, UK

  - Modernized internal systems via Java 8 microservices, supporting ITV’s digital transformation roadmap.
  - Partnered with senior devs to reduce bug resolution time by 20% through proactive troubleshooting.
  - Worked on backend with Java 8 and Dropwizard, and supported deployments and monitored production services for issues and performance bottlenecks.
  - Gained commercial experience with a wide range of AWS services, including EC2, Lambda, API Gateway, S3, RDS, DynamoDB, Step Functions, and CloudFormation
- GRADUATE DATABASE ADMINISTRATOR** June 2017– September 2018

MUFG Securities EMEA plc– London, UK

  - Managed and supported 10+ multi-user databases across development, UAT, and production environments and ensuring data integrity for trading and compliance systems.
  - Performed Level 3 support tasks including performance tuning, backup & recovery configuration, security patching, and log-based issue resolution
  - Automated routine maintenance processes such as inventory reporting and session monitoring using Bash scripts and SQ
  - Gained foundational exposure to high-availability systems, regulatory audit readiness, and operational controls in a banking environment.

**EDUCATION:** **BSc COMPUTER SCIENCE ~ 1st** September 2013 – July 2016  
Queen Mary, University of London

- SKILLS:**
- Languages: Java, TypeScript, Kotlin, Bash
  - Frameworks: Spring Boot, Dropwizard, Serverless, JUnit, Jest, Mockito, Cucumber
  - Databases: Oracle, MS SQL, Postgres, DynamoDB
  - Cloud & DevOps: AWS, Terraform, CloudFormation, Docker, GitHub Actions, CircleCI, Jenkins
  - Practices: REST, GraphQL, TDD, BDD, CI/CD, Agile (Scrum/Kanban), PACT, Pair Programming
  - Build tools: Maven, Gradle, NPM
  - Tools: New Relic, Datadog, Jira, Confluence, Git, G-Suite, IntelliJ
  - Operating System: Linux, MacOS, and Windows