Roman Garanin (Berlin, Germany)

Solution architect with 13 years of experience, emphasis on distributed systems and **backend** (**java**/golang/python).

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Skills

- **Java**/Kotlin: **Spring** (Core, MVC, Data, Security), Hibernate, Criteria API, JDBC, MyBatis, Jersey, Prometheus, Maven, Gradle, JUnit, Mockito, JAX-RS, J2EE, JMS, CUBA Platform(Jmix), JNA
- DBMS: **PostgreSQL**, Redis, MongoDB, Oracle SQL, PL/SQL
- **AWS**: IoT Core, Lambda, EC2, RDS, S3, SQS, ECS/ECR, Cognito, API Gateway, CF, Alexa Auto SDK
- Azure: IoT Hub, Resource Manager
- **Docker**, OpenAPI/Swagger, Terraform, ActiveMQ, Golang, Python, FastAPI, Pydantic

Experience

Senior software engineer | Zalando SE
November 2022 - Present

Senior software engineer/Solution architect | Klika-Tech
May 2018 - August 2022
- Lead a team of 21 people on property management system project (1, 2)
- Planned an integration between 3 companies/7 services for an additional 100K+ users per year
- Designed and implemented AWS-based architecture of 2 projects: property management system, cloud agnostic 'IoT data connector' (AWS and Azure)
- Prototyped standalone serverless devices integration service (AWS Lambdas, Spring Boot vs Jersey)
- Conducted 42+ interviews for software engineer role

Senior developer | Haulmont
January 2017 - May 2018
- Built new Pricing 2.0 hierarchical data module for taxi service
- Added bulk export/import mechanism, ensured performance on legacy systems datasets scale
- Analyzed, merged, refactored two separate sub-systems for pricing data storage

Senior software engineer/module manager | Netcracker Technology
June 2015 - January 2017
- Developed 2 Infrastructure migration modules and 'Presales feasibility check' portal
- Designed and implemented stateless middleware/integration solution, using in-house workflow solution
- Planned 'orders difference calculation' subsystem, relied on 87% SLOC (performance)autotests coverage
- Mentored 2 colleagues

Software engineer/module manager | Netcracker Technology
November 2012 - June 2015
- Managed GPON provisioning module: core(main logic, wizards for staff users), process automation, reporting(Oracle, PL/SQL, lots of denormalization)
- Created 'automatic resources changing system' and bulk orders processing for telecom domain
- Provided UAT and post-production stages support onsite in Singapore

Education

Tolyatti State University, Specialist in Automation of Technological Processes and Production
August 2008 – June 2013 | Tolyatti, Russia