KONSTANTIN BABUSHKIN

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Software engineering leader and professional specializing in building distributed systems.

⇒ 15+ years of experience designing, deploying, and supporting software systems.
⇒ Proven track record of delivering projects supporting millions of dollars in revenue.
⇒ Led multiple mission-critical services development from scratch to production.
⇒ Co-author and contributor to open source projects (logrange.io).
⇒ Continuous learner through platforms like Coursera, Udemy and Edx.
⇒ Experienced technical leader and mentor.

Skills

Distributed systems, Microservices, SaaS, Integrations, APIs, CI/CD, NoSQL, SQL, OLTP, OLAP, Data pipelines, Streaming, ETL

Go, Java, Python, Bash, AWS, Postgres, MongoDB, Redis, DynamoDB, Kafka, HTTP, gRPC, Nginx, Envoy, ElasticSearch, Protobuf, Docker, Git, K8s, Helm, ArgoCD, Terraform

Education

MS in Applied Information Science, Lobachevsky State University, Russia

Experience

12.2021 – 05.2024 | acquire.io | Director of Engineering / Lead Software Engineer — San Francisco, CA, US

Design and development of the omnichannel customer and sales communication platform.

○ Managed a multi-regional engineering team.
○ Led development of the Contacts service - flexible CRM database, from scratch, main contributor.
○ Led development of the Email service - inbound/outbound communication channel, from scratch, main contributor.
○ Led development of the Provisioner service - customer auto onboarding/offboarding, from scratch, main contributor.
○ Contributed to architectural decisions.
○ Mentored junior developers.

Go, Python, AWS, Postgres, Redis, Kafka, HTTP, gRPC, Protobuf, Git, Nginx, Docker, K8s, Helm, ArgoCD, Terraform

12.2020 – 12.2021 | konghq.com | Principal Software Engineer — San Francisco, CA, US

Design and development of the API management platform (Konnect).

○ Led development of log aggregation solution for Kong API gateway, from scratch, main contributor.
○ Contributed to architectural decisions related to the Konnect platform.

Go, TypeScript, Lua, Bash, AWS, Kubernetes, Postgres, Redis, Kafka, HTTP, gRPC, Nginx, Protobuf, Git, Docker, K8s, Helm, ArgoCD, Terraform

10.2019 – 05.2020 | nightfall.ai | Principal Software Engineer — San Francisco, CA, US

Design and development of the Data Loss Prevention (DLP) platform.

○ Led development of API gateway for the data science services, from scratch, main contributor.
○ Led development of AWS S3 scanner, from scratch, main contributor.
○ Contributed to architectural decisions.
○ Mentored junior developers.

Go, AWS, Postgres, Kafka, HTTP, gRPC, Protobuf, Git, Envoy, Docker, K8s, Helm, Terraform

02.2019 – 12.2019 | logrange.io | Co-author and contributor

Co-author and contributor to the Logrange streaming database https://logrange.io/.

Go, Bash, AWS, HTTP, gRPC, Protobuf, Git, Docker, K8s, Helm

01.2013 – 02.2019 | mulesoft.com | Senior Software Engineer — San Francisco, CA, US

Design and development of the Integration Platform as a Service (iPaaS) platform.

○ Led development of the mission-critical Load Balancer and VPC Provisioner services, from scratch, main contributor.
○ One of main contributors to the mission-critical Application Deployer and Log Aggregator services.
○ Winner of the 2013 Hackathon.
○ Participated in scaling the platform from tens to hundreds of service instances.
○ Participated in the platform-wide migration to OAuth 2.0.

Java, Python, Bash, AWS, Postgres, MongoDB, HTTP, gRPC, Nginx, Protobuf, Git, Mule ESB, ElasticSearch, Tomcat, Terraform, Spinnaker

02.2012 – 01.2013 | five9.com | Software Engineer   **San Ramon, CA, US**

Design and development of the call center platform integration applications.

- ○ Performed technology research and prototyping for the CTO team.
- ○ Built an application to allow call center agents to handle calls using Plantronics wireless headsets.
- ○ Built a prototype of Mule ESB connector to allow 3rd party companies to use the call center functionality within their Mule ESB applications.
- ○ Built the proof-of-concept library to seamlessly embed LivePerson chat agent functionality into the call center agent application.

Java, C++, JavaScript, NodeJS, Salesforce, HTTP, Mule ESB

10.2009 – 02.2012 | five9.com | Engineering Manager   **San Ramon, CA, US**

Investigation and root cause analysis of the call center platform production issues.

- ○ Managed a multi-regional engineering team.
- ○ Investigated and analyzed root causes of the call center platform production issues.
- ○ Managed development of the internal troubleshooting tools (e.g., internal monitoring system, agent information collector).

Java, Bash, Awk, HTTP, RMI, EJB, JBoss, Perforce