

Johnny Boursiquot

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SUMMARY

- Expertise in cloud engineering, having led backend architecture efforts for companies like Heroku, Salesforce, Skilltype and others, where I designed scalable systems leveraging SQL, NoSQL, Event-Driven, Serverless, and Microservice architectures deployed on AWS.
- Led engineering teams to deliver high-performance applications, integrating systems while ensuring compliance with industry standards, such as GDPR.
- Proven leadership in mentoring teams, introducing best practices for CI/CD, containerization, security, testing, and software quality.
- Strong experience with scaling web-based platforms and handling performance optimization.
- Broad expertise in SRE practices, observability, and monitoring, including the use of standards like OpenTelemetry and tools like Honeycomb for distributed tracing to ensure reliability of complex systems.
- Practiced in collaborating with frontend teams working in React, AngularJS, and other frameworks.
- Adept at collaborating with Product teams to deliver features and tailor roadmaps to business needs.
- Experienced Agile practitioner and tool user, including Atlassian products (JIRA, etc).
- Skill set includes Go (golang), AWS, Microservices, Serverless, Event Driven Architectures, SRE, DevOps, Observability, Distributed Systems, OpenTelemetry, ECS, Kubernetes, Docker, CI/CD, APIs, LLMs, Generative AI, SQL/NoSQL (Postgres, MySQL, DynamoDB), S3, Lambda, MQTT, IoT, SQS, SNS, Cognito, REST, gRPC, Ruby, Rails, Python, IaC, CloudFormation, CloudFront, Kinesis, and more.

NOTABLES

- **World-Class Go Instructor**, courses and live events across [LinkedIn Learning](#), [O'Reilly](#), and [Packt](#) platforms as well as live workshops in the [U.S.](#) and [abroad](#).
- **Program Chair**, [GopherCon](#), world's largest Go conference.
- **Host**, [Go Time](#), the premier Go-centric podcast.
- **Co-Author**, [97 Things Every SRE Should Know](#) (O'Reilly Publishing)
- **Keynote Speaker**, InfoQ/QCon [The SRE as a Diplomat](#)
- **Founder & Organizer**, [Baltimore Go User Group](#)

EXPERIENCE

Skilltype — Chief Technology Officer

NOV 2019 - PRESENT

- Led architecture and engineering for Skilltype, a talent management platform for librarians using Go, Java, and React with supporting technologies including PostgreSQL, DynamoDB, SQS, ECS Fargate, SNS, Lambda, S3, and more.
- Designed and deployed scalable AWS infrastructure for a global user base, including the handling of data for GDPR compliance.

- Established best practices for CI/CD, containerization (Docker), unit and integration testing, code quality, and various developer tools.
- Integrated multiple third-party and custom systems while preventing Personally Identifiable Information (PII) from leaking across vendors, products, and sometimes geographical boundaries.
- Integrated Generative AI techniques, Large Language Models (LLMs), and third-party vendor solutions (incl. OpenAI) to deliver customer-facing features.
- Managed engineering execution while coordinating with stakeholders over product roadmap.

Salesforce — Platform Observability Engineer

MAY 2021 - MAR 2023

- Developed libraries for OpenTelemetry adoption and migrated legacy monitoring systems to tools like Honeycomb.
- Mentored junior developers and served as a Go subject-matter expert for infrastructure services.

Heroku — Site Reliability Engineer (SRE)

JUN 2019 - MAY 2021

- Introduced best practices and tooling for SRE at Heroku, serving as Incident Commander during major incidents.
- Led cross-functional efforts to onboard teams onto the Heroku platform at Salesforce.
- Acted as a mentor and subject-matter expert in software engineering and infrastructure operations.
- Shared insights as a public speaker at QCon and on podcasts, discussing the challenges of being an embedded SRE.

Achievement Network — Principal Cloud Engineer

AUG 2016 - MAY 2019

EdTech SaaS, Go, Java, PostgreSQL, Lambda, SQS, DynamoDB

InfluxDB — Senior Software Engineer

MAR 2016 - JUN 2016

Enterprise SaaS, Go (golang), Time Series data, distributed systems

One Door — Software Architect

MAR 2015 - FEB 2016

Merchandising Enterprise SaaS, Ruby on Rails, MySQL, RabbitMQ

One Door — Principal Software Engineer

MAR 2014 - FEB 2015

Merchandising Enterprise SaaS, Ruby on Rails, MySQL, RabbitMQ

Launch Academy — Software Engineering Instructor

OCT 2013 - JAN 2014

Ruby on Rails, et. al.

MAARK — Various Engineering Leadership Roles

OCT 2003 - OCT 2013

Multiple Enterprise SaaS solutions, Payments, ColdFusion, PHP, ASP (Classic), Java, Flash, Flex, ActionScript, HTML/CSS/JS

Multiple — *Various Software Engineering Roles*

JUN 1998 - JUL 2003

EDUCATION

University of Maryland Global Campus

Master of Science in Cloud Computing Architecture

2020

University of Maryland Global Campus

Bachelor of Science in Computer and Information Science

1998