

# Johnny Boursiquot

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## SUMMARY

- Expertise in software and cloud engineering, having led backend architecture efforts for companies like Heroku, Salesforce, Skilltype and others, where I designed, deployed, and operated scalable, reliable, and high-performance cloud-native systems leveraging Event-Driven, Serverless, and Microservice architectures as appropriate.
- Led engineering teams to deliver high-performance applications, integrating systems while ensuring compliance with industry standards, such as GDPR and others.
- 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.
- Experienced in building Large Language Model (LLM)-powered applications and integrating Generative AI solutions into existing products.
- Practiced in collaborating with frontend teams working in frameworks such as React, AngularJS, and others.
- 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 and Generative AI (Amazon Bedrock, OpenAI, Anthropic, and others), SQL/NoSQL (Postgres, MySQL, DynamoDB), S3, Lambda, MQTT, IoT, SQS, SNS, Cognito, REST, GraphQL, gRPC, Ruby, Rails, Python, TypeScript, Infrastructure as Code (IaC) with CloudFormation and Terraform, CloudFront CDN, Kinesis streams, Caching (Redis), various PaaS, various IaaS, third-party system integrations, 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](#)
- Decades of startup and entrepreneurial experience across various roles, including individual contributor, engineering manager, tech lead, director, and CTO.

## 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