Lawrence P. **Gouger**

SENIOR SOFTWARE ENGINEER

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"Never Mistake Motion for Action."

Summary

I'm seeking a role as a Lead Software Engineer. My career includes time as a Senior Developer and as an Engineering Manager. I've concluded that I enjoy the former more. I enjoy having my hands in the architecture, design, coding, testing, deploying, monitoring, and overall ownership of a software system. I understand that there's more to developing reliable, scalable, maintainable, and performant software systems than simply writing the code. I enjoy the team building process and helping mentor all team members to grow and develop.

Summary of Skills

Programming	Java, Python, Kotlin, Clojure, Groovy, Perl, C, C++
DevOps	AWS, Docker, Kubernetes, GitOps, Github Actions, Terragrunt, Terraform, Serverless
Back-end	Spring Boot, Spring Data, Spring Web, REST API, MySQL, MongoDB
AWS	ECS, Lambda, API Gateway, S3, SQS, SNS, RDS (MySQL), DynamoDB, IAM, SSM, Secrets Manager, EC2
Agile	Scrum, Kanban, Rally

Current Work Experience — Cox Automotive, Inc.

I was hired by Cox Automotive, then called Dealer.com, as an Engineering Manager, one of two in their Manhattan Beach, CA office. I managed engineers who were part of 2 scrum teams, a total of 7 individuals.

Prior to becoming an Engineering Manager in my career, I had been a senior software engineer, and after becoming an Engineering Manager, I kept my hands in the code, usually by intercepting one-off requests that risked derailing my team's planned efforts. In late 2016, Cox Automotive decided to end it's engineering presence in the Manhattan Beach office. At that point, I transitioned to an individual contributor role as a Senior Developer, and I began working remotely as a member of a Scrum team based in Burlington, VT. After working remotely for a year I decided to relocate to Burlington, VT. Moving had two benefits, the direct, in person interaction was more fun and it led to more advancement opportunities.

Dealer.com — Incentives
SENIOR SOFTWARE ENGINEER · SCRUM TECH LEAD

Burlington, VT
Feb 2021 — Present

I joined the Dealer.com's Incentives Scrum team to bring stability and leadership to the Scrum Team. DDC's Incentives team collects Cash, APR, and Lease incentives from multiple sources, links these incentives with vehicles currently in inventory at our client dealerships, and makes them available for display on dealerships' websites.

NEW SKILLS
- **AWS Technologies:** ECS/Fargate, SQS
- **Container Technologies:** Docker
- **Build Systems:** Github Actions
- **Infrastructure as Code (IaC):** Terragrunt & Terraform

Dealer.com — Platform Engineering
SENIOR SOFTWARE ENGINEER · SCRUM TECH LEAD

Burlington, VT
July 2020 — Feb 2021

Joined the DDC Platform Scrum team to pursue a Scrum Team Tech Lead role. Dealer.com's Platform Engineering team is responsible for several backend systems supporting Dealer.com's Web sites, Advertising and Inventory systems.

NEW SKILLS
- **AWS Technologies:** ECS/Fargate, EKS
- **Container Technologies:** Docker, Kubernetes
- **Infrastructure as Code (IaC):** Terragrunt & Terraform
- **Spring Frameworks:** Spring Cloud, Spring Webflux

Dealer.com — Agency Advertising
SENIOR SOFTWARE ENGINEER

Burlington, VT
Manhattan Beach, CA
May 2017 — July 2020

Joined team as an individual contributor following the closure of the Dealer.com office in Manhattan Beach, CA. For the first year I worked remotely from CA. In June 2018, I moved to VT do be with my team and to seek improved advancement opportunities.

NEW SKILLS

- **AWS:** Lambda, API Gateway, S3, SQS, SNS, RDS, DynamoDB, IAM, SSM, Secrets Manager, EC2, Elastic Beanstalk, Networking (vpc, subnets, security groups)
- **Infrastructure as Code (IaC):** Terraform & Serverless
- **Development Languages:** Java, Kotlin, Python
- **Development Tools:** IntelliJ IDEA, gradle, Jib, maven, git
- **Spring Frameworks:** Spring Boot, Spring Data, Sprint RESTController, Spring Core Framework
- **Python Technologies:** async programming using libraries: trio & asks, pipenv, poetry
- **Database Technologies:** MySQL (onprem, RDS, and Aurora), AWS Athena, DynamoDB
- **API Technologies:** REST, Swagger/OpenAPI, gRPC, Spring Remoting
- **Messaging Technologies:** SQS, AmazonMQ, RabbitMQ
- **Other Technologies:** New Relic (APM, Infrastructure, Synthetics), LaunchDarkly

Dealer.com — Social Applications Development
ENGINEERING MANAGER · TECH LEAD

Manhattan Beach, CA
Jan. 2013 — May 2017

LEADERSHIP SKILLS

- **Team Building:** Regular 1-on-1 meetings and Quarterly check-ins/reviews
- **Agile:** Scrum, Kanban

TECHNICAL SKILLS

- **Languages:** Java, Perl, Groovy
- **Spring:** Spring Boot, Spring Data, Spring AMQP, Spring Core Framework
- **Tools:** IntelliJ IDEA, maven, gradle, git, Grails
- **Database Technologies:** MySQL, MongoDB
- **API Technologies:** REST, Spring Remoting

Previous Experience — ITG, Inc.

ITG, Inc.
SENIOR ENGINEERING MANGER

Culver City, CA
Oct. 1991 — July 2011

MANAGEMENT SKILLS

- Led technology transitions (eg. from C++ on Solaris to C# on Win32), and launched a remote team in NYC.
- Team Building, Team member reviews and one-on-ones, Hiring, Performance Improvement Plans, and Firing

DEVELOPMENT SKILLS

- **Platforms:** Linux, Solaris, unix, JVM, Win32, CLR
- **Agile Skills:** Scrum, Extreme Programming, Pair Programming
- **Development Languages:** Java, C, C++ (gcc), C#, Perl
- **Development Tools:** SVN, Clearcase, Eclipse, Visual Studio, Rally
- **Technologies:** Sybase ASE & Aleri, IBM CPlex Optimizer

Senior Engineering Manger — ITG Platform Tools	*Oct. 2009 — July 2011*
Engineering Manger — POSIT Now & Match NOW	*Sept. 2004 — Oct. 2009*
Engineering Manger & Senior Software Engineer — Algorithmic Trading Systems	*May 1997 — Sept. 2004*
Senior Software Engineer — QuantEX & Canadian QuantEX	*Oct. 1991 — May 1997*

Education

Carnegie Mellon University · 🎓 cmu.edu
B.S. IN ELECTRICAL ENGINEERING AND MATHEMATICS

Pittsburgh, PA
1985

- Ecole Polytechnique Fédérale de Lausanne (EPFL.ch) — Junior year exchange program. Studied Electrical Engineering in French.

Other Activities

Languages	English (Mother Tongue), French (Conversational)
Photography	Landscape Photography, Travel Photography, Adobe Lightroom & Photoshop
Architecture	Charles and Henry Greene, Frank Lloyd Wright, California Modernists (Neutra, Schindler, Ray Kappe, Dean Nota)