

Lawrence P. Gouger

SENIOR SOFTWARE ENGINEER

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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 reached the conclusion 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 as they grow and develop.

Summary of Skills

Programming	Java, Python, Clojure, Kotlin, Perl, C, C++
DevOps	AWS, Docker, Kubernetes, GitOps, Terraform, Serverless
Back-end	Spring Boot, Spring Data, Spring Web, REST API, MySQL
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 its 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

Burlington, VT

SENIOR SOFTWARE ENGINEER · SCRUM TECH LEAD

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
- **Infrastructure as Code (IaC):** Terraform & Terraform

Dealer.com — Platform Engineering

Burlington, VT

SENIOR SOFTWARE ENGINEER · SCRUM TECH LEAD

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):** Terraform & Terraform
- **Spring Frameworks:** Spring Cloud, Spring Webflux

Dealer.com — Agency Advertising

Burlington, VT

Manhattan Beach, CA

SENIOR SOFTWARE ENGINEER

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 to be with my team and to seek to improve 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, Spring 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

Manhattan Beach, CA

ENGINEERING MANAGER · TECH LEAD

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.

SKILLS AT ITG

ITG, Inc.

Culver City, CA

SENIOR ENGINEERING MANGER

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

SUMMARY OF RESPONSIBILITIES

ITG Platform Tools

Culver City, CA

SENIOR ENGINEERING MANGER

Oct. 2009 — July 2011

I managed a team developing tools to monitor trading within the firm.

POSIT Now & Match NOW

Culver City, CA

ENGINEERING MANGER

Sept. 2004 — Oct. 2009

POSIT Now and MATCHNow in Canada were ATSs (Automated Trading Systems) for trading equities.

Algorithmic Trading Systems

Culver City, CA

ENGINEERING MANGER & SENIOR SOFTWARE ENGINEER

May 1997 — Sept. 2004

I started as the developer of the first Algorithmic Trading System at ITG, a VWAP Server. I went on to lead the development of four generations of very successful Algorithmic Trading systems at ITG.

QuantEX & Canadian QuantEX.

Culver City, CA

SENIOR SOFTWARE ENGINEERING

Oct. 1991 — May 1997

ITG's QuantEX was an Equity Trading and Analytics application on a Sun workstation.

Education

- 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)