

Software Engineer

Quality expert

With over ten years of experience building quality software, I have developed expertise on how to accelerate feature development to build bug-free software that customers and developers trust.

Small sample of key practices I value: focus on user experience, testing, types, continuous integration, good naming, micro code, clean interfaces and layers of abstraction, advanced source-control. Peer reviews, communication, feedback culture, team health monitoring. Try things, get feedback, iterate.

Professional Experience

Nov 17 - present
Pivotal, VMware
San Francisco, CA

- Open source engineer for Cloud Foundry. Golang, Java, Ruby.
- Improving long term quality of the code by implementing various strategies like:
- testing, continuous integration, peer reviews.
- Networking, routing, OAuth,

Oct 16 - June 17
LiveRamp, CA

- Designing and implementing cross team interface for sharing data
- Using map-reduce (Java Cascading) to process daily terabytes of data

Nov 15 - May 16
MachineZone, CA

- Engineer in the core backend team
- Maintaining core cross-team server side code base, written in PHP

Oct 14 - Oct 15
TubeMogul, CA

- Engineer in the user data-base team
- System is built using Java and Kafka. Storing data in DynamoDB, Couchbase, Aerospike

Feb 13 - Sep 14
Google, CA

- Engineer in Adwords Express
- Working with Java, C++, Flume. Owning and maintaining the team's dashboard, with over 25 graphs reporting production status.

Oct 10 - Feb 13
MyLife.com
Mountain View,
California

- Engineer in the search engine team
- Rewrote the whole search engine in Python with Solr and Cassandra
- Previously working with Ocaml, Lucene, Hbase
- Preparing multi-terabyte data and index in Hadoop

Dec 09 - Sep 10
Bouygues
Paris, France

- .NET and java programmer
- Maintaining internal software controlling the real-time flow of commercial text messages automatically sent to customers or received from them

Education

- 2006 - 2008 • Masters degree in Mathematics/Computer Science at Paris VI university, Pierre et Marie Curie and Ecole Normale Supérieure de Paris
- 2004 - 2006 • Bachelor in Computer Science and Bachelor in Mathematics at University Pierre et Marie Curie

Skills

Engineering

- Quality • Code quality, continuous integration, user experience, documentation
- Testing • Typing; unit, integration, end to end testing...
 - Advanced source control
- Agile • Scrum, TDD, extreme programming
- Human • Feedback culture, team health

Software, environment

- Expert • Linux, bash/zsh
 - Java, Golang, Ocaml
 - Emacs, Git, make
 - SQL, noSQL
- Mastered • C, C++, C#, .NET, python, ruby

Computer science

- Expert in algorithmic and type theory
- Programming languages specialist

Languages

English	fluent
French	native language
Finnish	fluent
Portuguese	advanced
Italian	basic

Other interests

- Music • 20 years of piano
- Sports • Rugby, sailing, windsurfing, basketball, volleyball, golf, tennis, running
- Games • Chess, bridge, all sorts of logic games
- Social • Politics, debates