

ANDREW LARSSON

*Senior Software Engineer
and Software Architect*

📍 Draper, UT

📞 (385) 201-7207

✉️ [_@andrewlarsson.com](mailto:andrewlarsson.com)

🌐 github.com/andrewLarsson

Languages

- C#
- C++
- PHP
- JavaScript

Skills

- Enterprise Systems Architecture
- Enterprise Applications Architecture
- Large-Scale Distributed Systems
- Enterprise Database Design
- Scaling to Enterprise/Carrier Levels
- Real-Time Communications
- Unix Operating Systems
- Systems and Applications Security
- Large-Scale Wireless Networking

Ideologies

- Domain-Driven Design
- Hexagonal Architecture
- CQRS
- Event Sourcing
- SOA
- Componentization

Work History

- Nov 2013 - Present
Sr. Software Engineer
Vivint, Inc.
- Designed and developed various systems for large-scale wireless network planning and management.
 - Designed multiple database schemas for network management systems and network monitoring software.
 - Designed and developed multiple frameworks for high-load enterprise- and carrier-grade applications.
 - Designed and developed market analysis software for large geographical areas.
- Feb 2014 - Feb 2016
Systems and Software Architect
TouchWaive Technologies, LLC
- Designed and developed a biometric fingerprint-based document signing system for waivers and other legal contracts.
 - Interfaced with biometric sensor hardware.
 - Handled installation packages for frontend applications.
 - Managed servers for backend systems.
- Jul 2012 - Nov 2013
Wireless and Software Engineer
Rise Broadband Networks, Inc.
- Designed and developed various large-scale, distributed network management systems and tools.
 - Designed and developed automatic benchmarking and network decongestion software.
 - Designed and developed RF planning and analyzation software for large-scale wireless networks across the US.
- Sep 2011 - Jul 2012
Software Engineer
Optini, LLC
- Developed various marketing websites.
 - Developed productivity applications.
 - Managed multiple servers.
- Jul 2009 - Sep 2011
Software Engineering Contractor
Private Contractor
- Developed various applications, games, and tools for clients.

Education

- Aug 2009 - Aug 2011
Associate in Science
Utah Valley University