

Brent Gardner

Software Engineer, Technical Leader, Educator

Greater Denver Area

bgardner@squarelabs.net

<https://www.linkedin.com/in/avantgardnerio> - <http://avantgardner.io>

303-875-6394

Summary

Proven technical leader with extensive industry experience who enjoys solving tough problems involving code, people, or processes.

Staff Software Development Engineer - RMS

October 2018 - May 2019

- Set up Jenkins and Kubernetes platform to deploy apps to AWS
- Managed rewrite of Spark job scheduling service with team of 3 developers

Skills: Kotlin, Scala, Java, Jenkins, Kubernetes, Helm, OpenAPI, Big Data

Lead Enterprise Instructor - Galvanize

July 2016 - October 2018

- Travelled to international client locations teach and consult
- Provided assistance in managing dozens for development teams
- Developed Curriculum
- Assisted in business and operational strategy

Skills: Java, React, Redux, Docker, Spring, TDD, PCF, OpenShift, Heroku, Education

Software Architectural Consultant - AgilData

February 2015 - July 2016

- Assisted in the management of a dozen development teams moving to the cloud
- Created tools to analyze maven dependency graph, creating deterministic builds
- Improved continuous deployment and versioning strategies

Skills: Java, Maven, GraphViz, Scala, Spark, Parquet, Big Data

Senior Software Developer - Zen Planner

September 2014 - February 2015

- Created transition plan from server-rendered legacy app to React-based SPA
- Created static code analysis tools to visualize dependency graphs

Skills: JavaScript, React, Java, TitanDB, Gephi, Complex Migrations

Software Engineer - Melco Embroidery Systems

May 2014 - August 2014

- Created transition plan from legacy desktop app to browser-based CAD

Skills: C#, JavaScript, WebGL, FastInfoSet, Computer Graphics, Computational Geometry

Architect - ThinkTank

March 2012 - May 2014

- Created transition plan from proprietary database and back-end to distributed system built on standard open-source tools
- Managed technical aspects of 6 month rewrite with 60 developers in 3 time zones
- Provided technical leadership and common direction

Skills: Java, JavaScript, PostGreSQL, Avro, Distributed Systems, Eventual Consistency

Developer - eflection

April 2009 - January 2012

- Created browser-based CAD software allowing work in building trades to migrate from desktop to cloud
- Created back-end server in C# to power browser clients
- Created document-converter for PDF, SVG, AutoCad, and SWF

Skills: C#, JavaScript, ActionScript, WebGL, Computer Graphics, Computational Geometry

Developer - ORCS Web

April 2006 - April 2009

- Created proprietary predecessor to OpenStack
- Migrate to single-page-app architecture
- Created and evangelized automated browser testing

Skills: C#, ASP.NET, JavaScript, SQL, WMI, Testing

Senior Developer - Caption Colorado

January 2004 - April 2006

- Created highly available distributed closed-caption delivery network
- Created streaming-video delivery software

Skills: TCP/IP, SIP, Video Streaming, Distributed Systems, Eventual Consistency

Skills

Agile Methodologies, Continuous Deployment, Database Design, Extreme Programming, Functional Programming, Java, JavaScript, Kotlin, Linux, Docker, Kubernetes, Management, Consulting, Object Oriented Modelling, Product Management, Project Management, Software Development, Technical Leadership, Windows, .NET, SQL, Networking, Testing