

Juston C. Davies

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Technology Keyword Summary:

Key Languages: Go, C/C++, Lua, Ruby, SQL, HTML/CSS/JavaScript

Notable Tools: Terraform, Serverless, AWS, Google Compute, ZeroMQ, Postgres, Git, FreeSWITCH

Mission Statement:

My focus is to produce well designed and long-lasting, quality software in a timely manner; while also instilling a scalable software culture of expertise to help businesses succeed in the short term and over their lifetime.

Formal Education:

Colorado State University: Class of 2008

Major: Computer Science / Applied Computing Technologies

Minor: Business Administration

Accolades:

Engaged: Active and engaged with business owners, providing a long, positive history of collaborating with multiple stake-holders to document and design products for existing or emerging markets.

Reliable: Responds quickly to rapidly changing business needs through thoughtful innovation and regular delivery of well-tested releases.

Scalability: Designed, developed and deployed software and grew teams to support multiple 'internet scale' products.

Education: Strong commitment to collaborative learning and improving the skills of others through mentoring and independent research.

Quality: Recognized multiple times for building and refactoring code to produce services that were 'fire and forget,' dramatically reducing maintenance costs, customer outages and human headaches.

Leadership: Built and lead multi-faceted teams working on simultaneous product releases while addressing the needs of multiple stakeholders.

Relevant Career Experience:

Janika Systems Inc.

Denver, CO

2018-Present

Title: CTO/Senior Engineer/Engineering Lead

Technologies: Go, C/C++, Terraform, Serverless, AWS, React

Duties:

- Work directly with founders and visionaries to help define product, branding and technology strategies.
- Architect, build, document and deliver multiple high-throughput applications.
- Build automated / managed / cost-effective infrastructure to host multiple applications in house and in the cloud.
- Recruit, hire and manage contractors and employees in and outside of the technology team.
- Investigate and implement new technologies to enable the business to reach new markets and increase throughput.

Conjectural Technologies LLC

Denver, CO

2017-2018

Title: Senior Technology Consultant

Technologies: Go, C/C++, Terraform, Serverless, AWS

Duties:

- Work directly with founders and visionaries to help define product, branding and technology strategies.
- Architect, build, document and deliver multiple high-throughput applications.
- Integrate business critical services and providers.
- Build automated / managed / cost-effective infrastructure to host multiple applications in house and in the cloud.
- Recruit, hire and manage contractors and employees in and outside of the technology team.

Teliix Inc.

Denver, CO

2011-2017

Title: Director of Research and Development / Principal Engineer

Previously: Senior Engineer, Lead Engineer

Technologies: C/C++, Lua, Swift, Ruby/Rails, Python, SaltStack, Jenkins, PostgreSQL, FreeSWITCH, ZeroMQ, HTML/CSS/JavaScript

Duties:

- Work with business leadership and executives to establish requirements and spearhead design of an application to satisfy the requirements.
- Work with and enhance existing systems and services already in place.
- Review architecture, design and code for potential issues and risk assessment.
- Manage and train team of 6 to help develop large scale applications and distribute tasks.
- Solve real-time and distributed computing problems using Rails, C, Lua and ZeroMQ to build a highly elastic and reliable platform capable of being deployed on and off network.

Davita

Denver, CO

2010-2011

Title: Software Engineer

Technologies: Flex, Air, ColdFusion, OracleDB, Ant

Duties:

- Design, document, write, debug and review Flex application code for new and existing applications/features.
- Develop and enhance existing feature sets in Flex and ColdFusion to satisfy customer needs and fix existing issues.
- Review architecture, design and code for potential issues and risk assessment.
- Work directly with physicians, nurses and technicians to design intuitive electronic health record interfaces for recording, referencing and reporting on medical encounters.
- Lead meetings and tasks dedicated to continuous improvement and introduce new policy.

Brandwise

Lakewood, CO

2009-2010

Title: Software Quality Engineer

Technologies: C#, .Net, SQL, JavaScript

Duties:

- Software testing for quality assurance.
- Reviewing code (SQL and C#) for potential risks / issues and designing test cases for upcoming software.
- Implementing automated testing procedures and infrastructure.
- Complex data manipulation and integration.

Integware

Fort Collins, CO

2008-2009

Title: Quality Engineering Lead

Technologies: Ruby, Java, Python

Duties:

- Coordinate testing resources while performing risk analysis, develop long-term test plans and annual budgets.
- Review code from software engineers and architects to help identify and fix bugs.
- Research new technologies and coding strategies to establish and streamline business processes.
- Review engineering documents from local teams and foreign partners to assess risk and implement new test strategies to eliminate potential issues due to change.
- Create and maintain customized automated test software. Automation engineering.
- Software testing, bug analysis, quality evaluation and automated reporting.
- Review and work with industry experts on medical device manufacturing compliance regulation and requirements.

Brandwise

Lakewood, CO

2003-2008

Title: Data Specialist / Tier 3 Sales & Support Engineer

Previously: Support Automation

Technologies: Bash, C#, .Net, SQL, JavaScript

Duties:

- Customer engagement / on-boarding / integration
 - Automation of common tasks for support and customer on-boarding.
 - Complex data manipulation and integration.
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References:

Bruce Deen

Known 9 years

Title: Principal Engineer

Company: DaVita, iTriage, SunRun

Email: Bruce.Deen@gmail.com

Terrance Bryant

Known 7 years

Title: Senior Front-End Developer

Company: Teliix Inc., Big Sky Technologies

Email: Terrance.Bryant@gmail.com

Jeff Pitre

Known 4 years

Title: Vice President of Finance

Company: Teliix Inc., Oracle

Email: Jeffery.Pitre@gmail.com

Lena Banks

Known 4 years

Title: Software Engineer

Company: Teliix Inc.

Email: Lena.JK.Banks@gmail.com

Doug Maschoff

Known 2 years

Title: Founder, Product Manager

Company: Ensemble, CBRE

Email: D.Maschoff.81@gmail.com

Tim Colleran

Known ~2 years

Title: Founder, CEO

Company: Janika Systems, Aspen Digital Life

Email: Tim.W.Colleran@gmail.com

April Jones

Known 7 years

Title: Director of Operations

Company: Teliix Inc., ReadyTalk, Teli

Email: April@TurtleMadness.net