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I am a people-and-product obsessed technical leader with over fifteen years experience focusing on architecture, simplicity, and building effective teams. Most recently a Principal Developer and Director at Blocpower, I am always focused on user empathy, building secure yet flexible systems and teams that are empowered to use and improve them.

I speak at conferences, have mentored dozens of software devs, have written popular articles, and been interviewed for a variety of podcasts and publications. I suppose that makes me an industry leader.

I am especially interested in remote-friendly companies that can check any of the following boxes:

- Companies working in the climate tech space
- Product companies building developer or productivity tooling that helps people
- Companies doing innovative things with AI/ML
- Engineering departments that do functional programming (*especially a Lisp such as Clojure or Racket*)

Buzzwords

Software Architecture, Test Driven Development, Software Design, Web Development, Javascript, Python, C#, Domain-Driven Design (DDD), React.js, React Native, Agile Methodologies, Design Patterns, Database Design, Microservices, Project Management, Software Development Life Cycle (SDLC), Cybersecurity, Product Management, Object-Oriented Programming (OOP), Terraform, Kubernetes, Technical Writing, ASP.NET MVC, .NET, HTML, CSS, AWS (EC2, SQS, SNS, EventBridge, Lambda, Bedrock, EKS, etc), Google Cloud Platform (GCP), jQuery, Emacs, CSS, AngularJs, Java, SQL, Powershell, Node.js, Open Source, Community Development, Public Speaking, Team Building, Mentoring, Training, Functional Programming, Lisp, TypeScript, Data Science, SOLID Design Principles, Racket, Clojure, Staff Engineering, MLOps

Achievements

- Co-Organizer of [NOAI 2023](#), the New Orleans AI Conference and subsequent conferences.
- Committed code to jQuery. Mentioned in the [jQuery 2.2 changelog](#)
- Discovered a - still unpatched - vulnerability in Excel and Google Sheets which allows exfiltration of data when viewing csv files. [Blog post on this was #1 on Hacker News and Programming Reddit](#)
- Presented at many conferences and usergroups - Keynote speaker at Jazzcon 2017
- [Stackoverflow reputation > 100,000](#)
- Frequently interviewed and cited over article and thoughts on how to [and not to structure developer interviews](#)
- Most Viewed Author on Quora in Javascript and Web Development
- Longtime co-host of the weekly [VirtualBrownBag Online Meetup](#)
- Former co-organizer for New Orleans' regional tech and entrepreneur conference: BarcampNola
- Former member of the Public Advisory Board for Tulane's School of Continuing Studies Applied Computing Program
- Mentor at and on the mentoring advisory committees for [Operation Code](#) and [Coding Coach](#).
- Wrote and performed a sketch comedy show in the 2011 New Orleans Fringe Festival
- Former leader of New Orleans .NET Usergroup: In charge of recruitment, speaker selection, organization, advertising, etc.
- Presented at the 2006 AAAI Conference on Human-Robot Interaction
- Recieved a research stipend for Graduate School at Tulane University
- Awarded a Jiu-Jitsu blue belt by Rodrigo Gracie

Experience

Director of Software Engineering, Principal Developer

November 2022 - August 2024

[Blocpower](#)

Main architect and team lead for long-running effort to standardize and document cloud infrastructure and move to infrastructure-as-code as well as multiple other projects critical to business and/or platform-stability goals.

Regularly involved in department planning, sizing, and team structure conversations. Managed a small team including 1-1s, mentoring, performance reviews, backlog grooming, and product design work.

Manage proof of concept development in building a data platform built on top of emerging privacy web standards (SOLID) that provides participants with a way of sharing hyper-local and personal data while retaining full data control and portability.

Act as product manager and designer as well as tech lead for contractors and universities working within the scope of this Building Data Collective project. Make sure that work is purposeful, clear, and directed toward a goal.

Principal Developer, Director of Engineering, Engineering Manager

[Findhelp.org](#)

February 2021 - November 2022

As an engineering manager, stabilized and managed a team through a period of extreme transition. Stepped in and performed product manager and team lead duties. Led the team through the completion of several important roadmap projects resulting in promotions for over half of the team.

Promoted to a director title within four months. Worked with leadership to chart out department values, goals, and roadmaps as well as addressing re-org and department-wide staffing.

Built and charged with running the developer interviewing and hiring process as the department aims to double in size.

As an individual contributor, took over understanding and delivery for one of the least documented, most convoluted areas of the data model. Identified and repaired a complex series of long-standing bugs that were resulting in improperly handled customer data.

As a principal developer, regularly worked with people on other teams to improve their development workflows, identify issues in their areas of responsibility, and address product-wide technical debt. Assisted with identifying and addressing wide-ranging security vulnerabilities and accessibility issues.

Chief Technical Officer (CTO)
Operation Spark

February 2020 - January 2021

Provided architectural and team leadership for a variety of development projects undertaken by the Operation Spark consulting wing - the DevShop.

Worked daily alongside junior developers on their first professional project. Interviewed, formed teams, and mentored team members to become solid contributors.

Together with the CEO and COO, built out DevShop business development strategy. Operated as the sales engineer, regularly meeting with prospective clients, building out, estimating, and pitching project proposals.

Updated and improved curriculum and coursework, occasionally teaching, delivering lectures, and checking in with students studying software development.

Consulted graduates on how to go about finding their first software development job. Helped optimize and bring depth to their job hunt strategies so as to best ensure success.

Director of Development
Surge Consulting Group

November 2016 - October 2019

Lead a multitude of successful medium and large software projects developing applications for a variety of clients. This included working in C#, Javascript, Node, WPF, Python, Docker, and many other technologies.

Designed and implemented an interview process that allowed the company to grow from 20 to almost 250 senior developers. Personally conducted nearly 200 technical interviews. Started and administered a mentoring program. Started and administered a weekly developer show-and-tell to cross-pollinate knowledge.

Managed and developed internal skunkworks projects that provided an operations platform on which Surge did invoicing, staffing, and interviewing.

Managed developer-related escalations and conducted 1-1s.

Was involved in many management-level and direction-setting decisions.

Worked with the parent company through a merger to identify and implement ways to improve operations.

Senior Software Developer
Surge Consulting Group

June 2011 - November 2016

Senior Software Developer
CoDE/EPS Software

January 2010 - June 2011

Lead Software Developer / Systems Architect
Westway Holdings

August 2007 - February 2010

Freelance Developer / Owner
Humble Pi LLC

January 2007 - Present

Web Application Developer
Mudbug Media

January 2006 - May 2007

Principal at Resultsoft LLC

December 2006 - January 2007

Research Assistant in Image Processing and Analysis
Advanced Missile Defense Research Group, Tulane University

September 2004 - September 2005

Projects and Volunteering

Operation Code
Mentor

Operation Spark
Teacher / Curriculum writer / Mentor

Tulane University
Guest Speaker

org-ai [Github](#)

gimgen [Github](#)

Tech Terms Anki Deck [Blog Post](#) [Github](#) [Podcast](#)

ob-racket [Github](#)

Estimation Checklist [Github](#)

\$.persistState [Github](#)

ApprovalTests.BetterPdfVerification [Github](#)