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Randall Tombaugh

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Honolulu HI

Work west coast hours

See my online resume at:

randalltombaugh.com

Experienced technical leader with 15+ years in software.

I have written lots of code, built production applications, architected systems from scratch, bootstrapped DevOps, mentored dozens of engineers, started and grown engineering teams, and driven C-level initiatives to successful outcomes.

Currently seeking a management or leadership role in which I can work to align technical teams with business needs, implement efficient processes to empower decision-makers, and build a positive and sustainable work culture.

WORK EXPERIENCE

Droplet

Provo UT (Remote)

FEB 2021 - CURRENT

droplet.io

Head of Engineering - Started as one of the first half-dozen employees and have been crucial in driving engineering and product as the company has grown from \$45K to over \$3M in ARR.

Productized the original POC version of the application. Set up a developer-friendly codebase, the DevOps processes and tooling, and all AWS infrastructure. Hired the engineering team that I have been directly managing while also providing architectural review, product roadmap management, bug and feature triage, and more. As the most experienced manager in the company, I have provided management and leadership training company-wide.

Introduced a number of large and small features, including sophisticated role-based access, omni-search of all submission data, custom PDF generation, code & visual editors of the product's forms and workflows, and more. Oriented the product and engineering team around security, availability, and reliability first and managed 3rd party PEN testing and SOC2 audits. Responsible for all incident management.

Decision Research

Honolulu HI

MAY 2020 - FEB 2021

decisionresearch.com

Architect and Technical Leader - Hired as an architect on the platform team, but quickly discovered that the client services team was falling behind on a million-dollar contract.

Proactively negotiated a leadership position on the client services team and with a small team of junior engineers, fixed crucial architectural issues, and delivered custom client features that had previously been months behind schedule.

CURRENT TECH EXPERTISE

All things JavaScript: NodeJS, TypeScript, React, general client development with HTML/JS/CSS, deep knowledge of the JavaScript ecosystem, frameworks, and tooling

HTTP, RESTful & RPC API design paradigms and best practices

Postgres & Relational databases

AWS Platform - EC2, S3, Route53, ECR, ELB/ALB, Lambda, RDS, API Gateway, CloudFront, etc

PREVIOUS TECH EXPERTISE

C# and the .NET Framework, ASP.NET, IIS, MSSQL

Objective C, iOS libraries

OAuth, Websockets

PERL, C and C++, x86 Assembly

WORK EXPERIENCE

Fusebit.io

Redmond WA (Remote)

FEB 2019 - SEPT 2019

fusebit.io

Co-founder and Head of Engineering - Co-founded with two colleagues from Auth0. I left Fusebit prior to the other founders doing a seed round for \$3.5M. Fusebit closed down in January of 2023.

Fusebit was a serverless platform with a focus on SaaS integration and included a multi-region serverless service, an embeddable Javascript editor that seamlessly worked with the service, and a CLI to manage accounts, users, and serverless functions. The product included a sophisticated accounts/users/auth mechanism to support embedding into other SaaS products. As Head of Engineering, I built most of the service, all of the DevOps and the CLI tools, as well as the product website.

Auth0 Inc

Bellevue WA (Remote)

JUNE 2017 - FEB 2019

auth0.com

Software Engineering Manager - Started as a senior software engineer and was then promoted to manage the Webtask team, which was building out a second product to Auth0's original identity offering. The Webtask team was considered as a start-up inside of a start-up. I was overall responsible for everything from new features to DevOps, documentation, and customer support. Managed a team of five software engineers.

Webtasks was one of the first "Serverless" platforms in the industry and predated AWS Lambda, Google Functions, and Azure Functions. It provided a secure sandbox to run untrusted JavaScript, isolated per customer, and running at scale.

Hawaiian Airlines

Honolulu HI

OCT 2016 - MAY 2017

Senior Software Engineer - Lead developer of the API Team, responsible for leading a team of three developers tasked with redesigning and implementing the mobile/web APIs, moving RPC functionality to AWS as RESTful endpoints.

Microsoft Corporation

Redmond WA

OCT 2008 - SEPT 2014

Senior Software Engineer - Originally developed framework components for the .NET WCF Framework and the ASP.NET Web API Framework. Later moved to the Azure team, where I designed and implemented the iOS, JavaScript, and .NET client frameworks for Windows Azure Mobile Services. Near the end of my tenure, I owned credit card encryption and decryption in Microsoft's commerce division, which handled all online Azure, Microsoft store, and Xbox sales.

Intel Corporation

Santa Clara CA

MAY 2006 - SEPT 2008

System Validation Engineer - Hired into the Rotation Engineering Program out of university. Spent my first year rotating between teams before becoming a System Validation Engineer. Member of a team responsible for functionally validating the Itanium CPU product line. Designed and implemented random instruction test generation using native assembly, C, and Perl that ran in test labs on 100+ machines.

PATENTS

US Patent #891845 - Web API Framework

AWARDS

Summa Cum Laude

University of North Florida

Magna Cum Laude

Florida State University

EDUCATION

University of North Florida

Jacksonville FL

MAY 2004 - APRIL 2006

Bachelor of Science in Electrical Engineering - GPA 3.95 out of 4 - Areas of study include computer architecture, microprocessor applications, C(++) programming, digital circuit design, signal processing, and digital/analog communications.

Florida State University

Tallahassee FL

SEPT 1999 - DEC 2002

Bachelor of Science in Political Science and Philosophy - GPA 3.97 out of 4 - Areas of study included comparative politics, philosophy of language and mind, and formal logic.