



Jordan Baczuk

Senior Software Engineer
Ogden, UT

Tel: (801) 660-0888

Email: Jordan.Baczuk@gmail.com | Github/SO: @JBaczuk

EXPERIENCE

Qnergy

Jan 2021 - Current

Senior Software Engineer. As the primary developer of an IoT web platform, I work directly with executives to define product strategy and Agile project management processes. I design and implement scalable technology architecture, UX/UI, CI/CD, and QA test processes. I rewrote a legacy application from AngularJS and Javascript (node.js) to React and Typescript. I architected and implemented autoscaling, a highly available cloud architecture on AWS using Autoscaling group, Application load balancer, MongoDB Sharded cluster, and Cloudfront CDN including deployment automation and monitoring to support future growth. During this time I helped the company grow the SAAS revenue from this web platform alone from \$0 to over \$1M in ARR in less than 3 years. I primarily work with the following technologies: HTML, CSS, React, Node.js, Express.js, Typescript, MongoDB, Docker, Linux/Unix, NGINX, Prometheus, Grafana, Terraform, Ansible, Github Actions, git, and AWS.

Burstware

Mar 2019 - Jan 2021

Software Engineering Consultant. I consulted with business owners to implement new tech products including IoT devices, web and mobile applications, and voice applications. I led a team of developers and QA testers from idea conception to development and deployment. Technologies: React, React Native, Node.js, Express.js, MongoDB, MySQL, Alexa, Google Assistant, AWS.

Robinsage

May 2018 - Mar 2019

Full Stack/Blockchain Developer. As head of blockchain development, I created new blockchains and supporting applications. I worked with sales and management to concept, design, and develop technology for customers. Technologies: C++, Node.js, Express.js, MongoDB, AWS.

KiLife Tech

Jan 2015 - Jan 2018

CTO/CoFounder. As CTO, I created child wearables and indoor positioning systems including circuitboard and hardware design using Altium, KiCAD, and Solidworks. I architected and created software in iOS (Swift), Android (Java), React, Node.js, AWS, and C/C++. I interfaced between business and product strategy and technical development. I wrote a grant and helped raise over \$500k. I led product development teams, oversaw manufacturing, and filed 2 U.S. patents.

Biofire Diagnostics

Feb 2013 - Feb 2014

Electrical Engineering Intern. Medical diagnostics equipment. I designed automation and testing equipment for PCR (Polymerase

Chain Reaction) equipment and manufacturing. (PCB Design, Embedded C).

Ken Garner Engineering
Feb 2010 - Feb 2013

Electrical Designer. Electrical building design consulting. I worked closely with architects, mechanical, structural, power companies, and civil engineers. I designed public, private, and commercial sites including lighting, HVAC, security, A/V, fire alarm, telecom, and power distribution.

VOLUNTEER

English Skills Learning Center
June 2010 - September 2010

English Teacher.
I taught non-English speaking immigrants language skills for gaining citizenship.

Church of Jesus Christ
May 2007 - May 2009

Missionary. I served as a volunteer in Andalucia, Spain, in multiple leadership positions. I'm fluent in Spanish and experienced with many international cultures.

EDUCATION

University of Utah
Graduated Spring 2015

Masters, Electrical and Computer Engineering

- Dean's List, Full Ride Honors at Entrance Scholarship
- Senior Thesis Publication: *A Non-contact RF-Based Respiratory Sensor: Results of a Clinical Trial*, June 1, 2016,
[https://www.journalofsurgicalresearch.com/article/S0022-4804\(16\)00115-3/fulltext](https://www.journalofsurgicalresearch.com/article/S0022-4804(16)00115-3/fulltext)