

BRET LOWREY

SOFTWARE ENGINEER

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Profile

I'm an engineer looking for opportunities that will grow my career and hone the technical skills I have attained. I strive to develop useful software and complex yet elegant computer systems.

Skills

Design

Proven ability to learn and implement computer software in a wide variety of situations. Experience in both independent and collaborative development projects.

Optimization

Credibly streamline and improve existing software implementations into a seamless operation. Done within the limitations of detailed goals, restraints, and requirements.

Maintenance

The skill to detect, triage, and repair complicated systems in mission-critical situations and implement progressive measures to minimize downtime.

Technical

JavaScript
Java
Clojure
C / C++
Python

Rust
Scala
Oracle
PostgreSQL
Mongo

Express
TypeScript
React
Angular
Node.js

Experience

Baker Hughes (*Minden, NV*)
Sr. Software Engineer

2018 - 2019

As a full stack engineer for the software team for Bently Nevada technologies, I've been part of greenfield products that integrate seamlessly with real-time protection software for industrial control systems. Responsibilities include every aspect of the lifecycle of the project including design, development, testing, continuous integration and maintenance. Technologies utilized include C++, WPF, C#, and NodeJS.

Raymond James & Associates (*St. Petersburg, FL*)
Application Developer Lead

2015 - 2017

Lead development for a web application used daily by almost every financial advisor in the firm. Responsibilities included coordinating the team of developers, planning

and estimating new features, ensuring consistency and correctness of features as the primary code reviewer, and leading the collaboration with remote QA, devops, and database teams. Technologies leveraged daily included JavaScript/TypeScript, AngularJS, NodeJS, git, Java 8 with the Spring framework, and Oracle PL/SQL.

Hewlett-Packard Co. (*Chicago, IL*)
Software Engineer

2011 - 2015

Developed, maintained, and managed several software projects for the Autonomy division of HP software, leveraging that a wide ranging amount of technologies. These applications targeted a variety of systems including server, client and embedded platforms. They utilized web services and clients developed with C++, Java, Javascript, C#, and Python. Projects targeted to seamlessly utilize a wide array of both proprietary and open source technologies.

Education

University of California, Irvine - Irvine, California
Graduated Spring 2010
Major, Computer Science; Minor, History

University of Edinburgh - Edinburgh, Scotland
Study Abroad - 2008 Term
