Matt Almenshad

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Backend software engineer with full-stack experience interested in web 3.0, highly scalable platforms and financial software services.

Education

BS in Computer & Information Science | University of Oregon.　　　　　**06/2018**

Work Experience

Software Engineer - First Foundry, Inc.　　　　　**07/2018 – Present**

▸ Collaborated with the product team to design and deliver systems and features while serving as a project tech-lead.
▸ Took on additional duties during the scaling of projects to include project management, technical management and cross-team coordination.
▸ Trained new and upcoming engineers as individual contributors & team leads.
▸ Contributed to multiple highly-scalable backends capable of reliably handling daily requests in the order of millions.
▸ Led various frontend teams working on modern SPAs for large-scale projects.
▸ Led the hardware research & integration efforts for a point of sale product.
▸ Contributed to mobile react native applications.
▸ Contributed to market & product research efforts by curating feedback directly from clients and creating corresponding technical solutions and specifications.
▸ Organized monthly events to promote growth and leadership skills.
▸ Wrote internal tools & bots to facilitate communication between backend, frontend and QA teams.
▸ Devised new processes & process improvements to boost efficiency across a project.
▸ Wrote comprehensive unit tests, integration tests and E2E tests to ensure continuous quality of services and platforms.

Computer Science Tutor - University Of Oregon　　　　　**01/2013 – 06/2018**

▸ Tutored non-technical students from various majors in entry-level software development.

Training Center Manager - KFI International Airport　　　　　**06/2012 – 09/2012**

▸ Managed a training center in a multi-airport merger operation & developed a localized web-based training video streaming solution improving the operation.
▸ The solution enabled my center to train 300 more employees compared to the second center (a 19% increase).

Computer Lab Assistant – ████ High School　　　　　**01/2009 – 11/2012**

▸ Managed a computer lab.
▸ Responsibilities included computer/local network maintenance, event managing and computer basics tutoring.

Owner – PC Repair & Web Development Service　　　　　**02/2006 – 11/2012**

▸ Owned & operated the fastest, most affordable, computer repair and only web development service in the city.

Languages

Javascript, Scala, Python, Rust, C++, Java, C, Swift, Typescript, PHP, GraphQL, HTML5, CSS3, Sass, Less

Databases

MongoDB, Redis, MySQL, SQLite, DocumentDB, PostgresQL, CouchDB, CouchBase

Technologies

Web 3.0,　Bluetooth

Tools

Git, Node.js, React, Jira, Confluence, Redux, AWS, AngularJS, CMake, ApolloGraphQL, Buildkite, CircleCI, Linux, Hotjar, Google Analytics, Yarn, NPM, Pytest, Docker, Insomnia, Postman, Semver, OpenGL, WebGL, OpenSSL, Django, Auth0, Electron, Grafana, Apache, Firebase, JSS, Qt, Gatsby, Arduino, Nginx, Wireshark, PHPMyAdmin

...and more.

Hackathons

[11/2018]
Mentored at InsomniHack
[04/2018]
Participated at Hack For A Cause
[02/2017]
Won first place at MLBAM
[08/2016]
Co-organized QuackCon