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Objective

To obtain a full-time position as a **Front-end Developer** with a focus on React

Education

Purdue University, School of Mechanical Engineering

Bachelor of Science in Mechanical Engineering *Aug 2014*

Certifications

freeCodeCamp.org/valmassoi, Computer Software Engineering

Received Front End, Data Visualization, and Back End Development Certifications *Feb 2016 - June 2016*

Udemy.com, Computer Software Engineering

Modern React + Redux, Advanced React + Redux, Angular 2 w/ TypeScript Certifications *May 2016 - Aug 2016*

Skills

- Proficient in JavaScript/TypeScript (ES6+), React@^16.9.0 (hooks), Redux, Firebase/Firestore/Serverless Functions, Node.js, Unit Testing/TDD/Jest, jQuery, HTML, CSS/SASS, REST/Websockets, Responsive Web Design, Accessibility/a11y
- Knowledge of Angular 2, Objective-C, Swift, Adobe Creative Cloud
- Tools: macOS, Linux, Webpack, Git/GitHub/GitLab, Yarn/npm, ESLint, File generators, GCP/AWS, VS Code, Xcode, Zeplin, Jira/Asana, Slack

Work Experience

tZERO of Overstock.com *Nov 2016 - Current*

Front-end Developer → Senior Front-end Developer

- Helped team meet tight deadline to launch world's first publicly traded security on a *blockchain*
- Led refactoring from *jQuery* single page app to *React* with *Redux*
- Consistently delivered completed stories on time, in an *Agile* environment
- Wrote maintainable, well-documented code with strong *code coverage*
- Broadened developer skill set / *blockchain* knowledge through weekly lunch & learns and collaboration

Director of Blockchain Development

- Led design and execution of crypto cold storage solution for company's Security Token Offering/capital raise
 - Documented the procedure for nontechnical executives, which secured \$72mil+ of BTC and ETH by utilizing *Shamir's Secret Sharing*, *Air Gapped Computer*, *Hierarchical Deterministic Hardware Wallet*
 - Assisted CFO with liquidation on exchanges and OTC trades
- Security Token Smart Contract design
 - Helped bridge the communication gap between software, business, and legal teams to brainstorm opportunities and limitations in order to define requirements
 - Named as inventor on patent application

Software Development Team Lead

- Led onboarding and trading platform team of developers, dev ops, and QAs
- Worked with PMs and designers on product direction
- Re-architected the Securities Lending Platform from a view-only market data feed to have actionable order entry by reusing company's matching engine service. Used *Firebase Functions*, *Firestore*, and *TypeScript* for pub/sub, websockets, authentication, and as an edge service between the client and back-end micro-services
- Managed code progression and deployments
- Technical sales - drove demos of onboarding and trading platforms to potential SaaS clients

Comity Web Agency → Jade Labs LLC, Owner/Developer *Dec 2010 - Feb 2018*

- Founded company to give web presence to small businesses in multiple states
- Wide range of duties and responsibilities, from website development to company management
- Managed 25 interns under an annual internship program, employing international technology students
- Negotiated \$100,000+ in contracts for a custom mobile application that streamlined company's workflow
- Worked directly with clients throughout product builds, adjusting services to needs

Space Cash App, Designer and Developer *Dec 2013 - Jan 2019*

- Sole developer of a 4.5/5 star rated bitcoin/altcoin price ticker application
- First app to have over 100 cryptocurrencies, filling an untapped need in the industry
- Successfully passed Apple's App Store approval process
- Continued to improve app, implement new features, and provide updates with SDK and API changes

Master Spas, Engineering and Computer Drafting Intern *May 2007 - Aug 2011*

- Collaborated with a manufacturer and team of engineers to create rotomolded light fixture, implemented into the product
- Redesigned swim spa to accommodate Michael Phelps' wingspan, ultimately becoming new product line for company that helped grow category to become world leader in sales and design
- Constructed insulated testing chamber to analyze and calculate energy efficiency of hot tubs, ensuring California Energy Commission requirements were met
- Created 3D plumbing drawings to streamline manufacturing process; 1,000+ hours of SolidWorks logged