

 valmassoi add patent application

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 History

 1 contributor

Robert Valmassoi - GitHub • GitLab

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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
August 2014

Certifications

freeCodeCamp.org/**valmassoi**, Computer Software Engineering Received **Front End Development**, **Data Visualization**, and **Back End Development** Certifications *February 2016 - June 2016*

Udemy.com, Computer Software Engineering **Modern React with Redux**, **Advanced React and Redux**, and **Angular 2 with TypeScript** Certifications *May 2016 - August 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** , **Figma/Zepplin** , **Jira / Asana** , **Slack**

Work Experience

tZERO of Overstock.com *Nov 2016 - Current*

- 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 a **patent pending application** for "Self-enforcing security token implementing smart-contract-based compliance rules consulting smart-contract-based global registry of investors"
- 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 the whitelabel product to potential SaaS clients

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/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