Kevin Mulcrone

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Work Experience

Albert – Frontend Engineer — Nov. 2020 – Current — Remote
- Added event tracking to onboarding flow using Google Analytics
- Redesigned and refactored My Account dashboard
- Coordinated with product managers, designers, and other engineers to implement redesign
- Wrote unit tests using React Testing Library and End-to-End tests using Cypress

RADAR – Software Engineer — Sept. 2019 – March 2020 — Denver, CO
- Tech Stack: Node.js, Typescript, React, Docker, PostgreSQL, CircleCI
- Doubled the amount of liquidity by integrating Coinbase and Kraken cryptocurrency exchange APIs into asset trading and rebalancer microservices
- Upgraded preexisting Typecript HTLC library to include transaction refund logic
- Teamed with two designers, project manager, and another engineer on cryptocurrency payment widget for consumers and merchants. Communicated limitations and time tradeoffs to approaches and designs.
- Documented Javascript client API with Gitbooks
- Wrote blog post for a semi-technical audience explaining the company's submarine swap provider service (Read on Medium)

Losant – Software Engineer — June 2018 – Aug. 2019 — Cincinnati, OH
- Tech Stack: Node.js, React, Redux, Docker, MongoDB, Casandra, RabbitMQ
- Added three different workflow nodes and dashboard visualizations to frontend application using React, Redux, and styled-components
- Introduced resource search feature for IoT applications to reduce end-user navigation paths by over 50%
- Implemented median aggregation of large (100,000+ items) time series data samples using t-digest algorithm written in Java
- Collaborated with six other engineers on code reviews using git and Jira on a daily basis
- Advised marketing and education teams on how to convey new features and benefits to business and non-technical audiences
- All submitted code had 75%+ test coverage using Mocha, Jest, Enzyme, and React Testing Library

Terrapin Ticketing – Co-Founder / Software Engineer — Sept. 2017 – Dec. 2018 — Cincinnati, OH
- Tech Stack: Node.js, React, Redux, Solidity (Ethereum), Docker
- Built and designed frontend application using principles from Refactoring UI

Github Projects

Lily Wallet

A self-custody, multisignature wallet for Bitcoin.
- Technology: React, Typescript, Node, Electron, USB hardware wallet binaries
- Stats: 79 stars on Github, over 600 downloads
- Links: Website, Repo, Twitter Thread, Bitcoin Optec Newsletter

Education

Bachelor of Arts, Computer Science — Aug. 2013 – May 2017 — Cincinnati, OH
Honors Bachelor of Arts, Philosophy, Politics, & The Public (PPP)

Xavier University