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JON KULTON

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EXPERIENCE

Software Engineer, Mothership

2019 - Present

- Built an open-source platform-as-a-service in Node.js, PostgreSQL, Docker, and Redis
- Researched and built multi-tenant platform architecture for deployed apps with container orchestration backed by Docker Swarm
- Created build system supporting deployment of Ruby, Python, and Node.js apps
- Implemented feature for viewing app service logs via web or CLI using WebSockets
- Authored CLI client and automated setup tool for Mothership using Node.js
- Designed Mothership's UI and implemented designs in responsive HTML/CSS
- Co-authored Mothership case study: <https://mothership-paas.github.io/case-study>

Full Stack Developer, Self-Employed

2017 - 2019

- Developed open source software with technologies such as Ruby, Node.js, Rails, SQL, React, Docker, HTML, and CSS
- **Reaction**: A Trello clone built in React and Redux with a Rails API backend that supports creating, editing, and deleting boards, lists, and cards
- **Postit**: A Reddit clone built with Rails and PostgreSQL allowing users to create, comment on, and upvote/downvote posts
- **Airline Routes**: An airline route mapping app built in React
- **Hatch**: A project and ticket tracking app built with Rails

UX Designer, Patriot Software Inc.

2016 - 2019

- Contributor to front-end build process tooling in Gulp.js
- Authored an SVG icon build system, significantly reducing client asset load
- Authored Ruby tool to monitor changes in CSS tech debt
- Co-authored automated accessibility testing, integrated directly into CI/CD pipeline

EDUCATION

Liberty University, Lynchburg, VA

2015 - 2016

- B.S. in Management Information Systems: Application Development, GPA: 4.0

Launch School, Software Engineering and Full-stack Web Development

2017 - 2019

SKILLS

Node.js, Ruby, Rails, Sinatra, PostgreSQL, SQL, JavaScript, React, HTML/CSS, Docker, Docker Swarm, Container Orchestration, AWS