986 Clark Rd
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# JON KULTON

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https://jkulton.com

## EXPERIENCE

### Software Engineer II, Knock                                  2020 – Present

- Designs, builds, and maintains APIs, microservices, and tools powering Knock's internal and customer-facing applications
- Authors and contributes to internal developer tooling solutions and shared libraries
- Monitors and debugs services, identifying and addressing areas for improvement to speed, reliability, and sustainability of systems

### 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
- 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

## EDUCATION

### Liberty University, Lynchburg, VA                            2015 – 2016

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

### Launch School, Software Engineering and Full-stack Web Development    2017 – 2019

## SKILLS

Node.js, Go, Ruby, Rails, PostgreSQL, MySQL, JavaScript, React, HTML/CSS, Docker, Docker Swarm, Container Orchestration, AWS, Terraform, GraphQL