

IAN EVANS New York, NY

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I'm a software engineer based in New York City. I have multiple years of experience writing back and front-end code in JavaScript, Ruby, PHP, and SQL, and am experienced with Docker, Rails, and React/Redux. Previously, I was a philosophy Ph.D. who wrote a book, and published several papers in top academic journals.

EXPERIENCE SOFTWARE ENGINEER, MOTHERSHIP (SEPTEMBER 2019–JANUARY 2020)

<https://mothership-paas.github.io>

- Co-created open-source, platform-as-a-service with Node.js, Express, and Docker
- Designed distributed, multi-tenant architecture for deployed applications, with Docker Swarm for container orchestration
- Used Docker networking tools to solve service discovery problems
- Created custom authentication system for web and CLI (including JSON Web Tokens)
- Designed system enabling browser clients to have an interactive terminal session with a running application container using WebSockets and HTTP tunneling
- Built important app management features: health monitoring and database backups
- Lead author of technical case study: <https://mothership-paas.github.io/case-study>

SELF-EMPLOYED (AUGUST 2019)

- Developed open source software with technologies such as Ruby, Node.js, Rails, SQL, React, Docker, ES6 JavaScript, jQuery, HTML, and CSS
- Mello: Trello-like app with React/Redux front-end and Ruby on Rails REST API backend
- Flight Tracker: an interactive SVG map for viewing and filtering airline routes built with React and bootstrapped with Create React App
- Tickets: Ticket tracking app written in Ruby/Rails 6, PostgreSQL, deployed on Heroku

SOFTWARE DEVELOPER, O2 GROUP, GOLDEN, CO (JANUARY 2017–JULY 2019)

- Lead developer on two large, legacy PHP apps written in the Symfony framework
- Optimized SQL queries on main page from 100+ to 10, rewrote authentication system, fixed several long-standing bugs, discovered and fixed XSS vulnerability, handled all production deployment tasks
- Moved team to GitFlow for git collaboration
- Custom WordPress site development (PHP, HTML, SCSS/CSS, JavaScript)

PUBLICATIONS - *Knowledge* (w. Nicholas D. Smith), Polity Press, 2012

- "Schaffer's Demon" (w. Nathan Ballantyne), *Pacific Philosophical Quarterly* 94, 2013

- "The Problem of the Basing Relation," *Synthese* 190, 2013

TECHNICAL SKILLS Node.js, Ruby, JavaScript (ES6), PHP, React, Redux, jQuery, Express, Rails, Symfony, Laravel, RESTful APIs, Docker, Docker Swarm, Git, Linux, Apache/Nginx, HTML, CSS/SCSS

EDUCATION 2017-19: Launch School, Software Engineering and Full-Stack Web Development

2006–12: University of Arizona, Ph.D. in Philosophy

2002–06: Lewis & Clark College, B.A. with Honors in Philosophy