

Ryan Davis, Senior Software Engineer

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<https://www.lazy-electron.com/about/ryan>

SUMMARY Ryan is a seasoned engineer with broad experience building software, systems, and teams. He's looking to write quality code to solve interesting problems with good people.

EXPERIENCE **Infinite Energy, Principal Engineer** 2019-02-01 — Present

- assisted multiple development teams on simultaneous projects, improving product quality, consistency and reducing miscommunication
- worked with management, product owners, and teams to identify and prioritize work
- assisted production support team debugging, modifying, and evolving legacy apps
- project: 'lift-and-shift' migration from on-prem data center to Azure
- project: several major data migrations, with some high-stakes rush deadlines

Infinite Energy, Software Developer 4 2015-05-01 — 2019-02-01

- fostered adoption of git, SPAs, event driven architecture, RESTful APIs, centralized logging / monitoring, microservices, diagrams-as-code, infrastructure-as-code
- improved product quality via code reviews, collaborative design sessions, tech talks, and pair programming
- participated in interviews, promotion reviews, recruiting, agile ceremonies
- project: modernize customer-facing website to a responsive SPA with zero downtime deployment

Acceleration.net, Director of Programming Services 2005-01-01 — 2015-05-01

- participate and drive executive discussions around company strategy, HR, spending, contract language, infrastructure investment
- wrote, won, and executed a small business innovation research grant
- project: web-based mapping of public energy data, consumption modelling

Accelerated Data Works, Inc., Programmer 2001-08-01 — 2005-01-01

- fostered adoption of wiki, ticket, and chat systems to improve efficiency
- developed / adopted web applications in diverse technologies
- project: web-based voting with throughput, privacy, and security requirements

EDUCATION **University of Florida** 1998 — 2004
Bachelor - Computer Engineering

SKILLS

frontend: javascript (ES6+), typescript, react, redux, hooks, jest, HTML5, bootstrap, a11y, npm/yarn, CSS3, webpack

backend: C#, ASP.NET core, SQL Server, entity framework, dapper, rabbitmq, azure storage/sqladb, sqlite, python, postgresql, nginx, R, mysql, wordpress, apache

devops: docker, static analyzers, prometheus, alertmanager, grafana, kibana, ansible, logstash, pagerduty, kubernetes, terraform, gitlab pipelines, github actions

general: git, automated testing, OWASP top 10, OSI licenses, regex, markdown, async/await, dependency injection, vscode, bash, GNU coreutils, jira, wiki

INTERESTS teaching [*Swamphacks, ACM tech talks, mentoring*], van life [*carpentry, welding, off-grid solar, micro computers*]