Ryan Davis, Senior Software Engineer

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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 — 2021-07-30

- 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 by debugging and evolving forgotten 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, pair programming, and documentation
- participated in hiring, promotion reviews, recruiting, agile ceremonies
- project: modernize high-load customer-facing website to a responsive SPA with zero downtime deployments
- project: iteratively modernize legacy website to improve UX with SPA frameworks

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

- participated and led 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 for many clients
- 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: architecture, C#, ASP.NET core, SQL Server, entity framework, dapper, rabbitmq, azure storage/sqldb/app service, sqlite, python, postgresql, nginx, R, mysql

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

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

INTERESTS

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