

# Ryan Moulton

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## Professional Summary

Lead Software Developer with extensive experience in designing scalable backend systems in fintech, SaaS, and healthcare. Proven track record in driving automation and solving business-critical problems using Node.js, TypeScript, and MySQL/PostgreSQL. Successfully led agile transformations and architected robust APIs to enhance system efficiency and reliability. Eager to leverage backend expertise to drive impactful solutions as a Backend Engineer.

## Work Experience

### LIBERTAS FUNDING

May 2018 - Apr 2025

Senior Software Developer

Greenwich, CT

- Led a 5-6 person development team through major fintech platform modernization efforts, scaling with the company's growth to \$100M+ in monthly funding volume.
- Spearheaded full automation of the application, processing, and underwriting workflows—reducing preapproval response times from hours to under 1 hour.
- Designed and delivered a robust Partner API, meeting directly with external technical teams to define integration requirements and oversee implementation.
- Built a partner portal enabling real-time visibility into application statuses, improving transparency and reducing manual support requests.
- Orchestrated the migration of a highly regulated lending product from Salesforce to an internally managed platform—eliminating Salesforce dependency and contract renewal costs.
- Led Agile transformation efforts, shifting the dev org from waterfall to Kanban/Agile hybrid, and eventually full Agile as the team scaled to 30+ technical staff.
- Provided technical mentorship, conducted performance reviews, and handled personnel decisions, including dismissal of underperforming staff.
- Contributed to architectural decisions and roadmap planning across backend services, React/TypeScript frontend, and PostgreSQL infrastructure.
- Played a central role in experimental initiatives (e.g., Amazon seller funding) by building new flows, even when business cases were ultimately discontinued.

### SymphonyRM now ActiumHealth

Oct 2017 - Jun 2018

Senior Software Developer

Palo Alto, CA

- Joined as one of four core developers at a healthcare startup, contributing to AI-driven patient engagement and campaign workflows, which enhanced team collaboration and project efficiency
- Led an overhaul of production error logging and observability, resolving critical visibility gaps and enabling faster, more reliable debugging.
- Initiated and contributed to the rewrite of a legacy PHP frontend into a modern React + TypeScript application with a Node.js REST API, improving application performance and maintainability
- Improved maintainability and developer velocity by introducing component-based architecture, Redux, and ES6+ standards, leading to faster development cycles and easier code management
- Co-designed a customizable workflow engine for patient outreach processes, including action tracking and status transitions, which streamlined operations and improved process efficiency
- Partnered with the CTO on architecture decisions, hiring, and onboarding of new engineers.
- Mentored junior developers, especially in Sequelize ORM and raw SQL query optimization.
- Delivered hands-on production support during critical incidents, ensuring system stability and minimizing downtime

### BestNotes LLC

Feb 2014 - Nov 2017

Software Developer

Twin Falls, ID

- Developed and maintained web applications for a HIPAA-compliant mental health EHR platform, working on a 4-person dev team within a 30-employee startup.
- Automated the creation of custom therapy intake portals, reducing manual HTML and data mapping efforts, which improved efficiency and accuracy by leveraging the platform's existing documentation engine
- Replaced the responsibilities of your original role, saving thousands of hours in staff time.
- Handled direct MySQL modifications in production to resolve sensitive data issues, ensuring HIPAA-compliant practices.
- Delivered tools and features using PHP, JavaScript, KendoUI, and jQuery; contributed to internal performance optimizations.
- Supported SOC2 and HIPAA audits through secure development and data handling.
- Occasionally assisted with customer support overflow during peak call volume.

## Education

### Dakota State University

Jan 2013 - Dec 2018

BS, Computer Science

## **Skills**

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- HTML5, Computer science, Data structures, Kubernetes, Python (1 year), Software deployment (10+ years), Product development, MySQL (10+ years), Agile, AJAX, Project management methodology, GraphQL, REST, Communication skills (10+ years), Full-stack development, Databases, NoSQL, Microservices (4 years), PHPUnit (4 years), Front-end development, Confluence, Product strategy, Data modeling, Product management (3 years), SDLC (10+ years), S3, TypeScript (3 years), RESTful API (10+ years), Javascript (10+ years), C# (4 years), NodeJS (6 years), UX (10+ years), Service-oriented architecture, PHP, JavaScript, JQuery (6 years), Docker, JSP, Jira, OOP, Scrum, Figma, SQLite, Azure, .NET (4 years), Bootstrap (7 years), Back-end development, System design, Kanban, Software development, API integrations, CI/CD, PostgreSQL, Less (style sheet language), SOAP, Java (1 year), React (6 years), Symphony 3 Framework (1 year), HTML (10+ years), Jest (5 years), EHR systems (5 years), AWS (4 years), IOS (1 year), Redux, CodeceptJS (1 year), Distributed systems, Software development experience within healthcare industry, Microsoft SQL Server, SASS, Analysis skills, SaaS, CSS (10+ years), Application development (10+ years), Financial services, JSON, HTML 5, Web services, C++ (1 year), APIs (10+ years), Redis, Leadership, Node.js (10+ years), SQL, Mentoring, Cloud computing, B2B, Git, XML, Express.js (6 years), GitHub, Android (1 year), Unit testing (8 years), Relational databases, MongoDB

## **Languages**

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- Portuguese (Intermediate)
- German (Intermediate)
- English (Native)