

RILEY SLAYDEN

Senior Software Engineer | Full-Stack Development

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TECHNICAL SKILLS

C#, .NET, EF Core, SQL, SQL Server, PostgreSQL, CosmosDB, JavaScript, Typescript, React, Redux, HTML, CSS, Kubernetes, TestCafe, Git, GitHub, GitHub Actions, GitOps, Terraform, AWS, Azure, Docker, Kafka, Jira, Agile Methodology, Scrum, SDLC

PROFESSIONAL EXPERIENCE

12/2024 - Present

Remote

Senior Software Engineer

Mindset

- Designed and developed a full-stack automated fax management system using C#/.NET and TypeScript/React, processing over 200 faxes per day while significantly reducing manual handling time for internal employees.
- Developed a secure SMS/Email registration link service using AWS Pinpoint, streamlining user onboarding, enhancing security, and reducing manual effort for internal case managers.
- Refactored the React frontend using the Ant Design component library, reducing technical debt, improving maintainability, and enhancing navigation with breadcrumbs and optimized authorization patterns.

01/2024 - 12/2024

Remote - 1 year

Software Engineer II

Submittable

Fintech Team

- Developed fintech microservices written in C#/.NET and hosted in Azure to support employee charitable giving, resulting in thousands of dollars successfully and securely donated.
- Modernized a grant-making budgeting app in React to meet new design specifications and product requirements, delivering key financial features to customers tracking their grant program budgets directly within our main product.
- Improved payment transaction accuracy, auditability, and idempotency by integrating a double-entry accounting ledger directly within fintech services.
- Researched, authored, and led technical design discussions to scope out work, collaborate with stakeholders, and ensure alignment on the most effective solutions for complex problems.

05/2023 - 12/2023

Remote - 8 months

Software Engineer I

Submittable

Fintech Team - Promoted to Software Engineer II after 8 months

- Served as technical lead for a custom funds distribution integration with U.S. Bank, successfully disbursing \$1.8 billion to millions of recipients for state governments and organizations in 2023 across multiple payment rails.
- Streamlined CI/CD processes for our .NET APIs, improving deployment efficiency by establishing EF Core DB migration patterns within Kubernetes and ArgoCD.
- Refactored a legacy WinForms application to enhance internal payment tools for the Finance team, laying the groundwork for the migration to a modern microservice architecture.

04/2021 - 04/2023

Remote - 2 years

Software Test Engineer

Submittable

Internal Tools Team - Promoted to Software Engineer I after 2 years

- Managed the development of automated UI smoke tests using JavaScript and TestCafe, collaborating closely with a team of 2 test engineers to integrate ECS instances within existing CI/CD pipelines.
- Boosted automated test coverage by over 150%, enhancing software quality and identifying bugs early to ensure smooth production releases.
- Developed and executed load tests in AWS ECS to simulate real user browser traffic, uncovering database bottlenecks and driving a huge increase in maximum website capacity and load handling - 50 submissions/second to 15,000 submissions/second.
- Conducted testing for the migration of over 20,000 legacy clients to the new Submittable form-builder experience, including data migration verification from SQL Server to PostgreSQL.

EDUCATION

01/2025 - Present

Remote

B.S. Computer Science

Western Governors University

- Expected graduation December 2026

10/2019 - 03/2021

Remote

Full-Stack Software Engineering

Flatiron School

- Completed full-stack software engineering immersive program, focusing on learning the fundamentals of software engineering and computer science. Skills developed included Ruby, Rails, SQL, HTML, CSS, JavaScript, React, Redux.