# MEGHAN FRY

## Associate Software Engineer

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As a software developer with over 3 years of experience as a full-stack developer and automation tester, I'm passionate about leveraging technology to make a meaningful impact on people's lives. With a background in teaching, I bring strong communication skills, adaptability, and a user-focused mindset to my work. I excel at breaking technical challenges into their smallest parts to craft comprehensive solutions with the user and end-goal in mind by balancing creativity and logic. Dedicated to data-driven decision-making and collaborative teamwork, I thrive in dynamic environments that value continual learning, innovation, and process improvement.

## SKILLS

**Languages:** JavaScript, Typescript, C#, Ruby, Python, Java, HTML, CSS
**Frameworks:** .NET, Rails, Vue.js, Swing, React, Bootstrap, Material UI, Java Spring, Svelte
**Automation and Testing:** Playwright, Jest, X-ray, React-Testing-Library, Mockito, Katalon Studio, NUnit, XUnit
**Version Control:** Git, GitHub, BitBucket
**Compiler and Tools:** Visual Studio Code, IntelliJ, Eclipse, Java Springboot, Swagger UI, PGAdmin, Postman
**DevOps:** Azure DevOps, Docker
**Databases:** PostgreSQL, SQL

## EXPERIENCE

**SPR, Associate Software Engineer, May 2022 – current**
Litera

*Quality Engineer & Full-stack Developer, September 2024 – April 2025*
- Developed and executed manual and automated Playwright tests for various modules within Litera's Dragon app, a legal-specific large language model (LLM) designed to extract key data points from uploaded documents for streamlined lawyer workflows.
- Contributed to a high-performing QA/dev team that consistently maintained over 70% automated test pass rate and achieved over 30% unit and integration test code coverage across critical modules.
- Designed, implemented, and maintained test automation frameworks to ensure robust, reusable, and scalable test scripts, while stabilizing smoke and regression test suites to reduce false positives and optimize runtime for continuous delivery goals.
- Utilized Xray Test Management Tool for Jira to create, organize, and maintain comprehensive test plans and test cases, ensuring full traceability from requirements to defects.
- Worked on C# .NET development for Dragon's core functionality, enhancing the application's ability to organize and present extracted data points in a lawyer-friendly format.
- Environment: C#, .NET, Playwright, Typescript, Xray, Jira

**Integrated Medical Systems (IMS)**
*Automation Tester, March 2024 – June 2024*
- Conducted manual and automated testing for front-end and back-end systems using Playwright, XUnit, and NUnit, enhancing the reliability and usability of IMS's new sales and rental fulfillment platform.
- Collaborated closely with cross-functional teams including Software Engineering and Product Management to identify, report, and resolve defects.
- Enhanced and maintained Playwright automation frameworks, ensuring they were scalable, reusable, and aligned with project requirements.
- Advocated for quality ownership by mentoring peers on testing practices, improving collaboration across teams.
- Improved test coverage and optimized **smoke and regression test suites** , integrated into CI/CD pipelines to support continuous delivery.

- **Environment:** C#, .Net, Playwright, Typescript, XUnit, NUnit, SwaggerUI, BitBucket

**Alight Solutions**
*Automation Tester & Java Developer, March 2023 – August 2023*
- Upgraded backend frameworks using Java Spring and Spring Boot to eliminate deprecated dependencies and reduce build/test runtimes, improving site functionality for Alight's employee benefit platforms.
- Developed and executed automated tests using Katalon Studio, improving reliability across administration and public-facing pages.
- Collaborated with CBA teams and stakeholders to break down challenges, address bugs, and streamline development processes.
- **Environment:** Java, Java Spring, Java Spring Boot, Katalon Studio, BitBucket

**Rubicon Carbon, LLC**
*Junior Front-End Developer, June 2022 – January 2023*
- Designed and developed a React application for a Carbon Credit Market startup, including public-facing marketing pages, user portfolios, and admin tools for inventory and account management.
- Conducted unit testing using Jest to identify and resolve technical issues, ensuring codebase quality.
- Collaborated with stakeholders to define and implement user-facing site features, maintaining alignment with business goals.
- **Environment:** TypeScript, React, CSS, HTML, Jest, Material UI, Git

**INTERNAL PROJECTS**
*IT Engineer, December 2023 – March 2024*
- Delivered technical support for company-wide IT systems via the SPR Help Desk, ensuring efficient resolution of issues.
- Managed, configured, and maintained company hardware including laptops, tablets, and peripheral devices.
- Assisted in the deployment of M365 and other software, ensuring seamless integration with existing systems.
- Led monthly security training through InfosecIQ, focusing on current security threats and practices.
- **Environment:** M365, InfosecIQ, Azure DevOps

**EDUCATION**
Master of Education in Reading
Olivet Nazarene University, Bourbonnais, IL (2017-2019)
Bachelor of Science in Elementary Education
Northern Illinois University, Dekalb, IL (2013-2016)
Bachelor of Arts in Human Biology
University of Kansas, Lawrence, KS (2009-2013)

**CERTIFICATIONS**
Certificate in Full Stack Web Development
Actualize Coding Bootcamp, Chicago, IL (2021-2022)
GAQM Certified Software Tester – Foundation Level
Azure Administrator Associate AZ-104
Azure Fundamentals Microsoft AZ-900