

Maxwell Metzner

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Software engineer with experience building and supporting enterprise applications and internal tools using C#.NET, Microsoft SQL Server, Python, and JavaScript. Background includes defect resolution, workflow automation, CI/CD modernization, and maintainable software development in regulated, client-facing environments.

PROFESSIONAL EXPERIENCE

Fiserv, Berkeley Heights, NJ
Software Engineer (Senior I)

Apr. 2025 - Present

- Develop and maintain enterprise teller and core-banking applications using C#.NET, WPF/WinForms, and Microsoft SQL Server, contributing across feature work, defect resolution, release support, and internal tooling.
- Remediated high- and medium-severity static analysis findings in a .NET service layer that handles REST and SOAP communication for the Connected Teller application, improving code quality and security readiness.
- Built automation that generates thousands of realistic mock users with branch, till, and team relationships, reducing manual setup effort and improving development and performance-testing coverage.
- Participated in client-facing incident and feedback sessions with financial-institution customers, using those discussions to guide debugging, code changes, and follow-up improvements tracked in Jira.

Fiserv, Berkeley Heights, NJ
Technology Analyst

May 2023 - Apr. 2025

- Built internal Python and .NET utilities for log parsing, test-data generation, SharePoint/form automation, and user-import workflows, improving troubleshooting speed and reducing repetitive manual tasks.
- Resolved defects in the Connected Teller application by tracing state and data flow in Visual Studio, implementing fixes, and delivering reviewed code changes.
- Upskilled in WPF and applied that knowledge to the TCAP configuration tool, improving usability and helping streamline implementation workflows for newer projects.
- Contributed to build and deployment modernization by helping transition release workflows from Jenkins to GitHub Actions.

Eisai US, Woodcliff Lake, NJ
Security Operations Intern, IT Security and Compliance

Jul. 2021 - Jun. 2023

- Automated cybersecurity and compliance workflows in Python for a global pharmaceutical organization, supporting SIEM monitoring, vulnerability outreach, and reporting.
- Monitored security events, investigated alerts, coordinated malicious-email response, and standardized SIEM alert-ticketing workflows to improve consistency and response handling.

PROJECTS

Personal Website: Built and maintain a portfolio site with HTML, CSS, and JavaScript; focused on responsive design, performance, SEO, and GitHub Pages deployment.

LinkedIn Game Solvers: Created puzzle solvers for Zip, Tango, Queens, and Mini Sudoku using backtracking and constraint-propagation techniques.

Amazon Bestseller Extractor: Developed a browser extension that extracts Best Sellers Rank categories from Amazon product pages and links users to category and price-history views.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

May 2023

Bachelor of Science in Computer Science | GPA: 3.73 | 7x Consecutive Dean's List

TECHNICAL SKILLS

Languages: C#, Python, JavaScript, SQL, Java

Frameworks/Platforms: .NET Framework, WPF, WinForms, Microsoft SQL Server, GitHub Actions

Tools: Visual Studio, VS Code, Git, GitHub, Jenkins, Jira

Additional: Windows, Linux, automation scripting, release support, SDLC documentation