

# Elijah-Christian Wiegand

SOFTWARE ENGINEER

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📍 Chicago, United States

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## Profile

Versatile and self-taught Full Stack Developer with real-world experience contributing to enterprise insurance platforms and custom applications. Currently delivering production-level work in Guidewire (InsuranceNow), .NET, and Java environments. Adept at debugging tightly coupled systems, closing high volumes of tickets, and proactively bridging documentation gaps in complex codebases. Eager to bring modern engineering practices and a remote-first mindset to a collaborative team.

## Employment History

### Full Stack Developer, Preferred Risk Insurance, Chicago

June 2024 — Present

- Engineered solutions in a hybrid .NET and Java ecosystem, working on InsuranceNow (Guidewire) to triage, debug, and stabilize legacy systems critical to underwriting and policy workflows.
- Led the creation of configuration tables and rule processors to modularize business logic, cutting defect triage time by 40% and reducing hard-coded overrides across the stack.
- Reverse-engineered undocumented endorsement flows and unapply/reapply failures, designing custom handlers and integrating them into existing SOAP protocol structures.
- Built end-to-end debugging tools and null-handling strategies to trace reapplication issues and data loss across stateful transactions—helped unblock long-standing production bugs not previously understood by senior staff.
- Wrote internal documentation and onboarding guides to support new developers navigating legacy Guidewire infrastructure, with a focus on reusable Java utilities and minimal API patterns.
- Improved CI/CD feedback cycles by isolating failed endorsement sequences and assisting QA with reproducible test cases mapped to transaction history.
- Collaborated directly with business analysts to ensure regulatory compliance logic was translated correctly into XML/Java rule sets and reflected in UI state flows.
- Contributed bug fixes and architectural patches across both frontend (Razor Pages, JavaScript) and backend (C#, J2EE), closing 8–12 Jira tickets per sprint while maintaining cross-functional velocity.

### Full Stack Developer, Personal Projects

March 2021 — Present

- Built GUIs and integrated APIs for nurse staffing dashboards using React and vanilla JS.
- Improved file processing speed by 50% with batch architecture and optimized async logic.
- Automated admin workflows and managed SQL/NoSQL systems.
- Enhanced recruiter productivity through UI/UX upgrades and real-time debugging tools.

**Front End Developer / System Admin, 24 Hour Medical Staffing Services, LLC, Chicago**

August 2021 — May 2024

- Developed and maintained LaborEdge/Nexus integrations to support internal recruiter workflows.
- Designed React-based GUIs with HTML, CSS, JavaScript, and Axios.
- Increased front-end performance by 50% through batch file processing.
- Resolved frontend/backend sync issues, improving data accuracy to 98%.
- Collaborated with cross-functional teams to deliver secure, resilient web applications.
- Leveraged SQL and NoSQL databases to manage large volumes of medical and operational data.

**Coding Instructor, CodeWizardsHQ**

October 2023 — October 2024

- Taught Python, JavaScript, and HTML/CSS to middle and high school students.
- Designed custom labs and assignments, achieving an 84% average class pass rate.
- Balanced technical instruction with mentorship to foster student growth and confidence.

**Education**

**B.A. in Industrial-Organizational Psychology, SUNY Buffalo State, Buffalo, NY**

December 2017 — December 2019

**Certificate, Self-Taught Developer, Commack, NY**

December 2020 — August 2021

Certificates via Codecademy by Skillssoft:

Full Stack Development Engineer

Java

Python

C#/.NET

**Links**

[GitHub](#)   [LinkedIn](#)

**Skills**

Java



C#



React



Guidewire (InsuranceNow)



Redshift



Jira



Postman



.NET



JavaScript



SQL



Azure



Git



Confluence



Swagger



DBeaver



Object-Oriented Programming



Logging/Tracing



Root Cause Analysis



Gradle



REST APIs



Legacy System Refactoring

