

Daniel Flippo

dfippo.jr@gmail.com | github.com/dflippojr

SUMMARY

Software Development Engineer with 2+ years owning healthcare EDI features from requirements through release. Built a self-service enrollment portal that cut processing time 75%. Strong in Java/Spring Boot, REST APIs, and systems integration, with open-source projects in AI agent infrastructure and healthcare interoperability.

EXPERIENCE

Etactics Inc. — Software Development Engineer I

Jul 2024 – Present

Product Development Team | Healthcare EDI / Claims | Java, Spring Boot, SQL, Jira, REST APIs

- Designed and built a payer enrollment intake tool replacing email-chain and CRM workflows with a self-service portal, cutting client managers' enrollment processing time 75%.
- Automated payer form completion from collected customer data and built bidirectional sync with Jira Service Management, eliminating manual re-entry and status chasing.
- Own the real-time REST API integration powering insurance discovery; serve as the technical point of contact for product and sales.
- Contributing to a new claims processing service built on Daffodil (X12/EDI) schemas.
- Own requirements gathering, sprint planning, test plans, acceptance QA, and stakeholder communication through release; serve as the liaison between Product Development and Operations Engineering.
- Won an internal hackathon for a Claude-assisted tool that reproduces production errors, proposes fixes, and generates regression tests. Direct AI coding agents as part of the development workflow.
- Review peer pull requests in GitLab for correctness, efficiency, and readability.

Highlighty — Open Source Contributor

Summer 2023

JavaScript, CSS, HTML

- Shipped user-requested features and resolved bugs for an in-line content-moderation Chrome extension used internally at Meta.

TECHNICAL SKILLS

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

Frameworks / Platforms: Spring Boot, FastAPI, Maven, REST APIs, Docker

Cloud / Infrastructure: AWS (Lambda, ECS, EC2, ECR, CloudWatch, API Gateway, SQS), CloudFormation, SAM, Terraform

Data & Integration: Healthcare EDI / X12, Daffodil, FHIR / CDS Hooks, OAuth2 / JWT, Jira Service Management API, MySQL, SQLite, Microsoft SQL Server

AI & Machine Learning: Prompt engineering, agentic coding workflows (Claude Code, Codex, Grok), PyTorch, scikit-learn, neural networks, NumPy

Tools: Git, GitLab, GitHub Actions, SonarCloud, IntelliJ IDEA, Jupyter Notebooks

SELECTED PROJECTS

- Agent Harness - built a Python/FastAPI service and mobile web UI for local and hosted AI agents, with Docker sandboxes, scoped API access, approval workflows, and CI/CD. Built companion agent-loop tooling for isolated Git worktrees, usage-aware routing, and session recovery.
- FHIR CRD Router - built a Java library and CDS Hooks client SDK for payer endpoint discovery, with OAuth2, JWT, and mutual TLS. Verified with 39 unit tests and 2 live HL7 reference-server tests; CI runs on Java 17 and 21.

EDUCATION

The Ohio State University — B.S., Computer Science and Engineering, AI Specialization

Aug 2020 – May 2024