

# Paul Van Dyke

Software Engineer

## Professional Experience

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### Software Engineer Innerspace Healthcare | October 2022 - October 2025

- Built SvelteKit/TypeScript cloud endoscopy and security suite documenting IoT locks and cabinets via AWS Lambda, Dynamo DB, S3, SQS, SNS, and AWS IoT <https://www.innerspace.cloud/demo>
- Refactored legacy Vue.js, Python Flask Cloud Suite
- Migrated legacy PostgreSQL database on Amazon RDS to DynamoDB, reducing AWS costs by over \$300 monthly
- Provisioned cloud infrastructure with Terraform (HCL) for reproducible and scalable deployments
- Implemented comprehensive unit testing with Vitest and Jest
- Engineered custom React Cards that extended HubSpot functionality and improved CRM workflows
- Automated CI/CD pipelines with GitHub Actions

### Software Engineer Equivant | November 2019-September 2022 (Remote)

- Developed and debugged ASP.NET single-page application with 400+ pages in Agile environment
- Engineered and maintained 700+ C# Selenium WebDriver integration tests
- Led team meetings on automation goals
- Integrated automated tests with Google Sheets API and Node.js

### Software Developer Health Bridge | August 2018-September 2019

- Developed React front-end for HSA overdraft protection application
- Engineered Cypress integration tests increasing code coverage by 40% and k6 capacity tests for scale
- Automated QA tasks with Robot Framework End-to-End tests

### Security Operations Analyst Calvary Solutions | July 2017-July 2018

- Provided tier one response to 80+ power plants, responded to cyber security threats and investigated network latency issues

### Non-Commissioned Officer Marine Corps | January 2011-January 2015

- Managed deadly weapons and sensitive equipment totaling millions of dollars; attained secret clearance; awarded Meritorious Mast

## Core Competencies

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JavaScript

HTML

Tailwind CSS

Svelte Kit

AWS Lambda

Node.js

Dynamo DB

Git

## In the News

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- [Record Eagle: TC Native Turns Gamble Into Software Developer Position](#)
  - [The Washington Times: Michigan Man Gets Job Through Tech Incubator](#)
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