

Nathan Harris

Thornton, CO 80229 – (404) 909-7586

n8gr8gbln@gmail.com - [linkedin.com/in/nwithan8](https://www.linkedin.com/in/nwithan8) - github.com/nwithan8

Experience

Software Engineer @ EasyPost

November 2021 - January 2025

- Revitalized and redesigned EasyPost's seven open-source API client libraries, which handle 85% of EasyPost's API traffic, to ensure thread safety and improve performance and usability
- Built CI/CD pipeline for EasyPost's open-source libraries (GitHub Actions), including automated testing and package deployment
- Migrated multiple internal services from monolithic to microservices architecture, improving scalability and reliability while reducing CI/CD pipeline complexity by 75%
- Led design and development of open-source HTTP VCR utility for Java and .NET (EasyVCR)
- Introduced Carrier Metadata microservice for EasyPost's shipping API, consolidating real-time, machine-queryable carrier information and service availability
- Spear-headed migration of EasyPost's API documentation to a new standalone React application and redesigned the documentation to be more mobile-user-friendly and accessible
- Integrated acquired company's claims submission portal into EasyPost's insurance ecosystem
- Established company-wide coding standards and best practices for various languages

Software Developer Analyst @ Force 5

June 2020 - November 2021

- Lead developer of cross-platform mobile app (Xamarin.Forms) for visitor check-in experience
- Implemented facial recognition- and QR code-based identification methods and fuzzy-match powered watchlist enforcement
- Established internal dev-ops, including task tracking and CI/CD pipelines
- Orchestrated restructure of backend API and reduction of technical debt
- Maintained remote-site database syncing mechanisms through locked-down, air-gapped networks
- Acted as liaison between development team and end users regarding NERC CIP compliance instruments for energy corporation clients

Freelance & Open-Source Developer

July 2018 - Present

- FusionAuth – Freelance .NET developer for open-source SDKs
- Montjoy – Product consultant and freelance mobile developer for video streaming startup
- Aidly IT – Consulted for cloud data migration, network design and boutique software solutions
- EasyVCR – Java/.NET utility for HTTP request replays in test suites
- Unraid OS – Top community contributor to Docker application repository and documentation
- Home Assistant – Contributed integration extensions, Docker sidecar applications and community documentation

Digital Business Transformation Intern @ Fulton County Government

October 2019 - June 2020

- Served as project manager on various new technology implementation projects, including collaborative departmental iPads and customer service survey kiosks across county facilities
- Developed and implemented a Qualtrics API library in Python for use in in-house automation scripts for survey creation, management and response processing
- Curated data collection (MS SQL) and conducted analysis (Tableau) on current and former interns, capstone students and grant workers to assess Center of Excellence KPIs

Education

B.S., Computer Science, Georgia State University

2019-2020

A.B.J., Journalism, University of Georgia, Honors

2014-2018

Additional Skills & Certifications

- Languages: Python, .NET, Java, Node.js, Golang, Ruby, PHP, Dart/Flutter, SQL
- Software: Docker, Grafana, Qualtrics, Unraid, Proxmox, AWS, JetBrains suite
- Professional Scrum Master