

WORK EXPERIENCE

Docusign, Seattle, WA

August 2020 – August 2023

Software Engineer II - Full Stack

Responsive Signing

- Refactored frontend components from legacy Backbone.js pattern to modern **TypeScript** and **React**.
- Built session manager in service to recycle resources for converting PDF to HTML for a responsive signing experience, resulting in 25% fewer sessions created.
- Implemented algorithmic post-processing in core eSign services (**.NET/C#**) of HTML documents to address production bugs and add enhancements.
- Conducted data analysis using **Azure Data Explorer** and **KQL** to debug and assess efficacy of code changes.

Healthcare and Life Sciences

- Co-led delivery of monthly reports to certify compliance with 21 CFR Part 11 (set of regulations for eSignature in Life Sciences industry).
- Helped design and implement a microservice using **NestJS** and **MongoDB** for delivering and storing monthly reports.
- Deployed microservice using a **Docker** container on a **Kubernetes** cluster, and monitored traffic for debugging using **K9s** and **Kusto**
- Implemented UI components using **React** for accessing monthly reports and internally published components using **NPM**.
- Maintained core eSign **.NET** services to enable 21 CFR Part 11 compliance.
- Contributed to Healthcare Fields project, a data model for persistence of patient data across medical documents (HL7).
- Wrote and maintained unit tests (**C#**) and integration tests (**Ruby**).

Wonderland Gear Exchange, Seattle, WA

September 2023 – Present

Part-time Sales Associate

- Communicate effectively with customers to determine which technical outdoor gear suits their needs.
- Help design logical layout of consignment and retail goods on the sales floor and back stock.

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript, HTML/CSS, Python, Ruby, SQL

Frameworks and Libraries: .NET Framework, React, Node.js, NestJS, NPM, Jest, Streamlit, SciPy, NumPy, Keras

Tools: Git, Azure DevOps, Kubernetes, MongoDB, Docker, Jenkins, CI/CD, Figma

Principles: RESTful API, Microservice Architecture, Machine Learning/Neural Networks, Data Science

EDUCATION

Colby College, Waterville, MA

Bachelor of Arts, May 2021

Major: Computer Science — Minor: Physics