

Tate Ewing

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Education

Colby College, Waterville, MA — Bachelor of Arts, May 2021

Major: Computer Science — Minor: Physics

Work Experience

98point6, Seattle, WA

September 2024 – Present

SDE II - Full Stack

Health Tech Startup – Building out a cloud native asynchronous care platform

- Complete ownership of technical projects from 0 to 1, including on-call runbook documentation:
 - Fee collection system, integrated with **Authorize.net** API
 - Email service to deliver patient and provider notifications integration using **Mailgun** API.
- Create snappy **React** components, tightly coupled with database using **React Query**
- Collaborate with UX/UI designers to improve UX/UI, and build to spec from **Figma**
- Develop typesafe API to CRUD medical data using **trPC**, with **Zod** for dev-friendly typing
- Use **Temporal** workflow orchestration to conduct virtual visit, interfacing with **FHIR (Aidbox)** database

Docusign, Seattle, WA

August 2020 – August 2023

Software Engineer II - Full Stack

Healthcare and Life Sciences

- Maintained core eSign **.NET** services for 21 CFR Part 11 and Validator for Life Sciences
 - Product suite generating approx. \$4M annual revenue
- Owned delivery of monthly Validator for Life Sciences reports, a complex system with cross-team dependencies
- Led overhaul of Validator for Life Sciences backend services, developing a new **REST API**
 - Built a new **microservice** for storing and delivering reports, using **NestJS**, **MongoDB**, and **Jest**
 - Deployed as containerized app using **Docker** and **Kubernetes** on **Azure Kubernetes Services**
 - Used **Helm** to define deployment parameters, including resource allocation, A/B testing strategy, and authentication
- Wrote and maintained unit tests (**C#**) and integration tests (**Selenium/Ruby**).

Responsive Signing

- Developed and maintained core eSign API (**.NET/C#**) for a responsive mobile signing experience.
- Built session recycler for HTML to PDF conversion, reducing resource consumption by 25%.
- Conducted data analysis using **Azure Data Explorer** and **Kusto Query Language (KQL)** to debug, monitor live site issues, and track feature usage.

Projects

Personal Website - <https://about-tate.vercel.app/> July 2024

- Built a personal website from scratch using **Next.js**, **TypeScript**, and **React**.
- Custom, mobile-friendly styling using **Tailwind CSS**.
- Deployed using **Vercel**.

Skills

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

Frameworks and Libraries: React, React Query, trPC, Node.js, NestJS, Tailwind CSS, .NET Framework

Tools: Git, Azure, AWS, AWS S3, Docker, Jupyter Notebooks, Kubernetes, Jenkins, MongoDB