Tate Ewing

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Work Experience

98point6, Seattle, WA   September 2024 – May 2025

SDE II - Full Stack

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

- Complete ownership of technical projects from 0 to 1
  - Lead technical design of new features based on **Figma** product design specification
  - Sole contributor to implementation and on-call runbook documentation for the following projects
- Built greenfield fee collection system with **Authorize.net** API integrations, enabling customer to collect payment for asynchronous care provided to patients
  - Securely send encrypted payment data from **React** credit card input form to external API, in compliance with PCI-DSS requirements using **Accept.js**
  - Capture or cancel payment using **Temporal** workflow, dependent on delivery of care to patient
- Built greenfield email service to deliver personalized patient and provider notifications using **Mailgun** API
  - Created email client-agnostic **HTML** templates built to spec from **Figma** designs
  - Populate template with clinic and recipient information by fetching contact info and branding data from **FHIR** compliant **Postgres** database, and clinic logo from **AWS S3**
  - Use **tRPC** procedures to send emails triggered by frontend actions, and **Temporal** workflows to send emails triggered by automated processes

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 **micro service** for delivering reports, using **NestJS**, **MongoDB**, **Azure Blob Storage**
  - 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.

Education

Colby College, Waterville, MA   May 2021

Bachelor of Arts, Computer Science

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