

SKILLS

Front End: HTML, CSS, SCSS, JavaScript, React TypeScript, Redux, Redux Toolkit

Back End: FaaS (Serverless), SQL, NoSQL Databases

Other: AWS, Agile, Jest, Testing Library, Serverless Framework, Stripe, Storybook, Auth0, Figma, InVision

EDUCATION

Master of Liberal Arts (ALM) in Digital Media Design, **Harvard University** 2022 - 2024

Front-End Web Development Certificate, **Harvard University** 2022

Bachelor of Science (BS) in Information Sciences and Technology, **Pennsylvania State University** 2021

Digital Arts Certificate, **Pennsylvania State University** 2021

PROFESSIONAL EXPERIENCE

Senior Software Engineer, *CleverlyDone* October 2022 - Present

Software development company creating full-stack solutions with TypeScript, Node.js, Chakra UI and serverless architecture.

- Development of healthcare, real estate, construction, sprint retrospective, and job placement web platforms.
- Lead design reviews for the team
- Planning and implementation of mobile applications with React Native

Software Engineer, *Mckinsey & Company* April 2022 - September 2022

Create reusable, responsive, React components for a healthcare analytics product that offers value-based care based on treating a specific patient's issue to prevent possible exacerbations and remissions.

- Experience using Python and the data visualization library, Plotly
- Created standard procedures for importing custom react components to be transpiled into Python
- Lead planning of design systems and templates for page layout

Software Engineer II, *Subject.com* November 2021 - April 2022

Devise and implement reusable, responsive, interactive React components for Subject's mission of providing the Netflix of education for high school students as a part of the frontend experience team.

- Experience using react hooks to provide reusable stateful logic in components
- Experience with using Next.js providing dynamic routing and the server-side rendering of pages.
- Created the core product for the learner's application for lesson video playback
- Created a using React Table for the admin dashboard used by school admins and Subject admins. The dashboard allows some of the crud operations depending on permission level.
- Created reusable react components utilizing the Chakra UI framework with the UI explorer Storybook.js
- Created unit tests using Jest & Testing Library with a minimum coverage of 90% test coverage
- Lead the planning and implementation of internal tool applications that will support the core requests coming from bug reports. The application uses a series of tables that have memoized data in order to reduce the amount of rendering, validate/invalidate queries to re-render information for the user to get visual updates, custom pagination, filtering, and sorting all server side.

Software Development Engineer, *Amazon* May 2021 - November 2021

Provides improvements to the customer experience of Amazon's Alexa devices as part of the Alexa Music Operational Excellence team.

- Provide support for an average of 52 million monthly active users using Alexa Music.
- Create new standard operating procedures and provide any training to other Alexa domain team members.
- Triage, diagnose severity, and troubleshoot issues with Alexa Music latency, abilities, and customer satisfaction.

- Created a tool that automates the process of testing our system for different locales. This tool saves time from the manual process and more importantly from human error.

Software Developer, *Loyal Source Government Services*

January 2020 - May 2021

Involved with creating custom web application tools that are to increase the operational and forward deployment readiness of the I Marine Expeditionary Force (IMEF). Conducted training programs to demonstrate new tool features.

- Develop software solutions using JavaScript, React, jQuery, HTML, CSS, AWS, and third-party libraries & frameworks
- Created solutions for the largest task force consisting of over 50,000 service members.
- Experience with Representational State Transfer (REST), WebSocket, and Web Workers.
- Deployed applications with Serverless Framework that allows a distributed application environment.
- Developed a node tree diagram of all sites within a site collection (with the data visualizer D3.js) that allows the CRUD of site groups permissions with traffic logger rankings. This allowed the SharePoint Admins to visualize the IMEF for site group and personnel permission changes.
- Developed a real-time status tracker, custom chat solution, and utilization site metric tool to expedite the process of operations.

Full Stack Software Engineer, *City of Los Angeles*

August 2019 - January 2020

LA Pathways is a platform to connect business owners and resource providers. Users are taken through an initial assessment that runs through an algorithm that allows entrepreneurs to seek services and information.

- Developed the email service by utilizing Twilio's Send Grid email API.
- Created SQL-stored procedures, tables, models, services, and controllers to create API endpoints and implement backend logic for different features within the application.
- Agile team environment consisting of daily standups, a product, and sprint backlog, and regular sprint retrospective meetings with product owners.

Systems Analyst, *TechMD*

January 2017 - August 2018

Configure, troubleshoot, and maintain IT on-prem, cloud infrastructure, and software both onsite and remotely.

- Troubleshoot network infrastructure problems (networking equipment, printers, PC/Server hardware)
- Schedule and perform onsite client visits to troubleshoot equipment
- Address incoming service desk requests both onsite and remotely via email, phone, or support portal.
- Assist customers with technology-related moves/adds/changes
- Document solutions and develop end-user guidelines

Manager, Communications Systems and Networks, *United States Marine Corps* **January 2013 - January 2017**

Led team of five in constructing, maintaining, and deploying wired networks to link headquarters with geographically disparate departments and teams, via telephony and digital data messages.

- Improved speed of embarkation processes prior to field training exercises and deployments, and created new standard operating procedures, resulting in meritorious promotion to a leadership role
- Installed, operated, and maintained Local Area Networks (LAN) and Wide Area Networks (WAN)
- Devise and implemented telecommunications with voice-over-internet protocol (VOIP) phones
- Accountable for over \$26 million worth of communications equipment and tracking of essential equipment which led to the operational success of field operations while on forward deployment
- Awarded the Navy and Marine Corps Achievement Medal for commendable action in Australia.

CERTIFICATIONS

Amazon Web Services Cloud Practitioner	2021
Microsoft Exam 70-480: Programming in HTML5 with JavaScript and CSS3	2020
Scrum Alliance: Certified Scrum Master	2020
Scrum Alliance: Certified Scrum Product Owner	2020