**Matthew Alvarez** [](https://www.linkedin.com/in/matthew-alvarez-778b3a22b/)[](https://github.com/C0ding-K1D)[****](https://medium.com/%40Matthew_Alvarez)[****](http://www.matthewalvarez.org/)

Software Engineer

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Profile Summary

* Accomplished Software Engineer with experience delivering highly visible and complex projects such as web applications within fast-paced environments such as TD Bank.
* Talented Full-Stack Developer proficient in Programming Languages (Java, JavaScript, GraphQL), Frameworks & Libraries (Express/Node.JS, React, Spring), Databases (SQL, NoSQL), cloud services and modern development tools
* Committed to delivering exceptional user experience and adept at translating complex requirements into efficient, scalable, and well-documented code.
* Engaged collaborator with strong interpersonal skills, able to influence and align multiple teams with conflicting priorities to drive progress under aggressive time constraints.
* Able to effectively navigate ambiguity, complexity and change when stakes and pressure are high, and lead without authority to overcome obstacles and ensure delivery.

Technical Skills

**Programming Languages:** JavaScript, Java, GraphQL, SQL, HTML, CSS

**Frameworks & Libraries:** Express/Node.JS, React, Spring, Material-UI, Bootstrap

**Databases:** MySQL, PostgreSQL, MongoDB

**Dev Tools:** Jira, Confluence, GitHub, Bitbucket, Windows, OS X, Linux

**Cloud & DevOps:** AWS, GitHub Actions, Kubernetes, Docker

**Administrative Tools**: GSuite/Google Workspace, PowerShell, Git Bash, WSL/WSL2

Professional Experience

**TD Bank**[](https://www.td.com/us/en/personal-banking)Software Engineer **New York, NY** Nov. 2022 – Oct 2023

* Contributed to the software development lifecycle by designing and implementing both front-end and back-end features for multiple web applications, delivering clean and scalable code in TypeScript.
* Collaborated within a pluridisciplinary team in an agile environment, including the Developer Experience Team and a Senior Software Engineers, maintaining close communication and asking calibrated questions to remove bottlenecks and reach alignment.
* Thoughtfully identified functional & system requirements, researched adequate technologies and selected architectural & design patterns allowing for maximum scalability and performance.
* Refined the Developer Portal front-end using React, adding a dedicated section for premium developer tools from ServiceNow, centralizing news from various company sources for regular updates, creating a welcoming page with resources from Confluence, and introducing an interactive modal with GIF-guided instructions
* Implemented the GH Admin Workshops using GitHub Enterprise, Microsoft Teams, and shell scripting. Developed a script to automatically create multiple repositories and push code for participants learning about GitHub actions and admin usage, significantly streamlining the administrative process and minimizing manual work for team members.
* Developed reusable CI/CD actions using parameterized test commands and GitHub Marketplace standards, leading to a reduction in deployment time and enhanced code quality consistency.
* Crafted a Docker image/container harnessing Puppeteer and seamlessly merged it with the Developer Portal via Docker Compose, resulting in a 30% enhancement in execution speed.
* Orchestrated and automated the Active Directory Loader, achieving optimal increase in data integrity and consistency across all domains.
* Piloted the update of the company's WSL2 service Homepage using React, and Backstage, delivering an estimated 50% surge in user engagement by consolidating details into a comprehensive landing page for ease of use.
* Delivered technical presentations to the team on new designs, features and development plans. Maintained a high engagement in meetings, asking calibrated questions to reach alignment and optimize for delivery.
* Engaged in continuous learning and professional development, staying abreast of emerging technologies and industry trends, ensuring the incorporation of cutting-edge tools and techniques in the development process.

**Vero Skills**[](https://www.veroskills.com)Software EngineeringTutor **Remote** Sep. 2022 - Present

* Spearheaded transformative educational experiences in software engineering, elevating underserved students with elite-level mentorship.
* Orchestrated strategic partnerships with industry-leading professionals, giving students access to skills from top tech giants.
* Assisted in shaping a direct recruitment pipeline for Recruiters to access the talent pool, contributing to the successful employment of hundreds of students through guidance and growth support.
* Collaborated with community partners, addressing challenges faced by students and introduced a tailored support system based on rigorous feedback.

Projects Experience

**Portfolio Website**[](http://www.matthewalvarez.org/) Nov. 2023

* Conceived and developed a personal portfolio website, showcasing professional achievements, project exhibitions, and a dynamic blog to interactively communicate career progression and technical insights.
* Established a visually appealing user interface with smooth scrolling, light/dark mode toggling, and dynamic loading of content utilizing React.
* Orchestrated an efficient back-end for blog post retrieval, contact form submission processing, and project detail management using Node.js, Express, and PostgreSQL, maintaining an API response time below 34ms.
* Employed Docker for containerization, GitHub for version control, and deployed via Amazon Web Services, ensuring a scalable and consistently available online presence.
* Managed databases through Amazon Relational Database Service, ensuring secure, structured, and reliable data storage and retrieval.

**Ecommerce Website**[](https://celadon-melomakarona-8d53df.netlify.app/) Jun. 2022

* Constructed a dynamic E-commerce store, facilitating features such as product listing, real-time inventory management, secure user authentication, and online checkout procedures.
* Crafted a responsive interface with real-time database updates and order processing using React and Redux..
* Architected a reliable back-end infrastructure with Firebase for real-time database updates, order processing, and cart management. Utilized GitHub for version control and seamless front-end collaboration.

**Specialty Portable X-RAY**[](https://spx-ray.netlify.app/) Sep. 2022

* Developed a comprehensive website for a local portable X-ray business, encompassing key functionalities such as appointment scheduling and patient data management.
* Designed an intuitive user interface with seamless navigation, real-time appointment slots, Dropbox integration for patient database management, online payment capabilities, and a careers section using React and Bootstrap.

Education

**Briarcliffe College**[](https://www.careered.com/closedschool/information) A. A. in Graphic Design (partially completed)  **New York City, NY** 2011-2013

**Nucamp** Full Stack Developer Certification 2022