Matthew J. Enterline

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Work Experience

Senior Software Engineer - Tech Lead   September 2024 - Present

PODS

- Developing full stack application to manage customers' post-booking experience leveraging ReactJS, Typescript, Kotlin/Java, and PostgreSQL
- Building and maintaining user authentication and login flow with Okta
- Building user portal web app to allow user to manage their order, reschedule deliveries, make payments, view documents - integrated with Logik.io, Salesforce, Azure Blob Storage and Braintree
- Maintaining Azure DevOps pipelines and cloud infrastructure in Azure Front Door, Application Gateways, Key vaults, Kubernetes and Docker
- Providing technical leadership in project planning to take business requirements into technical tasks on an Agile Kanban team

Software Engineer - UI Team Lead   January 2022 - September 2024

Envestnet

- Building highly configurable financial proposal application with ReactJS, Typescript, Redux, Next.js, and Tailwind CSS that is used by top financial advisor firms
- Led redesign efforts of complex system to build custom investment models
- Led effort to integrate team's application into new platform
- Enhance platform stability to support custom workflows of large financial advisor firms

Software Engineer   November 2019 - January 2022

Cargas Systems, Inc.

- Developed full stack applications for delivery and service software using ReactJS, C#, and SQL Server
- Built features across the software development lifecycle - from design to release and maintenance
    - o Tiered Pricing module for dynamically pricing deliveries
    - o Text Messaging alerts for upcoming deliveries and correspondence with customer service

Software Developer   July 2017 – September 2019

Confluence, Inc.

- Built full stack financial reporting application with C# / .NET, WinForms, and WPF

Software Developer – Middleware   September 2016 – May 2017

Susquehanna International Group, LLP

- Developed C++ application to monitor network visibility and store records in an ELK stack
- Redesigned deployment, management and configuration of software router into linux package

Software Developer   June 2014 - August 2016

SevOne, Inc., Newark, DE

- Developed data pipeline for high throughput monitoring software with C++ and Apache Kafka

Undergraduate Research - Prof Roberts' Laboratory

- Utilizing FORTRAN, Matlab, and Java Swing - built full stack application to enable research in protein-protein interactions via computational modeling and monte carlo simulations

Education

University of Delaware, Newark, DE Spring 2014

- Honors Bachelor of Chemical Engineering
    - o Minor - Computer Science

Publications

Chen et. al. Finite Element Method (FEM) Modeling of Freeze-drying: Monitoring Pharmaceutical Product Robustness During Lyophilization. *AAPS PharmSciTech*. (2015) 16: 1317. DOI: 10.1208/s12249-015-0318-9.

O'Brien et. al. Modulating non-native aggregation and electrostatic protein-protein interactions with computationally designed single-point mutations.*Protein Eng Des Sel*. 2016 Jun;29(6):231-43. doi: 10.1093/protein/gzw010.