

SHAYNE F. PRESTON

PROFILE

Driven and experienced Senior Software Engineer with 6 years of experience in web development, specializing in user- and developer-focused solutions. Strong communicator and proven leader, eager to tackle complex challenges at the intersection of business and advanced web technologies.

EXPERIENCE

DraftKings Inc

Boston, Massachusetts

Senior Software Engineer

April 2022 - Present

- Led technical development of the Embedded Deposit application, enabling in-product deposits with a seamless, trusted user experience.
- Integrated third-party payment solutions, such as ApplePay, in a highly regulated environment, driving over \$1B in deposits within one year.
- Established systems for code coverage analysis, threat detection, monitoring, logging, enabling early bug identification and preventing production outages.

FactSet Research Systems

Boston, Massachusetts

Software Engineer III

July 2019 - April 2022

- Designed, developed, and maintained core applications for FactSet's Research Business Unit, delivering real-time news, events, and signals to Buy Side and Sell Side clients. These applications are integral to FactSet's Software Suite, handling over 10,000 daily users per product.
- Led an agile team to develop reusable UI components and robust APIs, enhancing the standardization and usability of news and calendar event features across products.

TECHNICAL PROJECTS

Embedded Deposit

DraftKings Inc, 2023

- Built a diagonally scalable, server-side rendered embedded deposit experience using Remix and Kubernetes, ensuring high performance and adaptability.
- Collaborated cross-functionally with multiple departments to achieve seamless integration with existing and upcoming DraftKings products.

Healthcare Knowledge Management Tool

Personal Project, 2024

- Created enterprise-ready knowledge management solution tailored for small healthcare businesses, leveraging Remix, Golang, and Postgres for scalability and efficiency
- Integrated Facebook's Lexical package to deliver intuitive document management, featuring seamless templating for quick document creation, simplifying knowledge management workflows

SKILLS

Typescript, Git, Remix, React, Vue, Golang, Node.js, Express, Fastify, Hono, Vite, Vitest, Playwright, Test Driven Development, AWS, CI/CD, SQL, Postgres, RESTful API

EDUCATION

Bachelors in Computer and Systems Engineering

Troy, New York

Rensselaer Polytechnic Institute

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