
EMPLOYMENT

Lead Software Engineer	Nike	Aug. 2020
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- Architected, developed, and maintained Asset Delivery next generation APIs to replace old Java Spring services using AWS Lambda with Serverless framework written in TypeScript NodeJS.
- Developed, tested, and maintained an asset management front-end application to view, modify, and search assets written in React, Redux, and a NodeJS GraphQL server.
- Developed and maintained a shared video player component to be utilized across Nike.com websites using VideoJS and TypeScript.
- Developed a proof-of-concept Web Application and APIs to replace manual user flows and to enable analytics, uniformity, data validation, and insights to better engage with consumers. SPA was written in TypeScript, React, Apollo React Client, Emotion, and Material UI (MUI).

Front-End Engineer	Mainz Brady - Flex, Nike	June 2019 – July 2020
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- Developed, tested, and maintained an asset management front-end application to view, modify, and search assets written in React, Redux, and a NodeJS GraphQL server.
- Developed a shared video player component to be utilized across Nike.com websites using VideoJS and TypeScript

Full Stack Developer	Jet Global	Apr. 2018 – June 2019
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- Maintained, developed, and tested a large scale application and added functionality within Jet Budgets.
- Drove modernization of the front-end application from Razor with jQuery to SPAs using React and designed new web patterns and added Jest with Enzyme and Storybook to establish testing.

Systems Development Engineer	CASS, Oregon State University	Jan. 2013 – Apr. 2018
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- Created microservice web-applications for Smarter Balanced to interact, understand, and search standardized test questions using .NET Core, Java, and React. Developed a NodeJS application to dynamically generate test questions with related scoring information to a PDF.
- Led a team to create an application for USDA to track the plant life cycles using technologies including .NET, SQL Server, SSRS, and React. Created a large data visualization of crop plantings to compare planting results to historical data
- Managed a team of 6 intern software developers, teaching them fundamentals of software engineering while developing real-world applications.
- Created and taught a free three-day VueJS workshop for Oregon State University students to teach students to create modern front-end applications.

LANGUAGES AND TECHNOLOGIES

- TypeScript, JavaScript, C#, CSS, LESS, SASS
- ReactJS, Serverless Framework, Kafka, NodeJS, Amazon Web Services, Lambda, GraphQL, Redux, Lerna, Jest, Playwright, Cypress, VueJS, ASP.NET Core, Docker, HTML5, Styled Components, Emotion, DynamoDB, SQS/SNS, EventBridge, API Gateway

EDUCATION

Corvallis, OR	Oregon State University	Sep. 2010 –Apr 2014
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- Computer Science