
ISAAC MOORE

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Experience

Lead Software Developer - Six Flags Corporate — Jun 2021-Present

- Working as part of a small group of architects to design integrations for a complete transformation of the Six Flags POS and ERP systems
- Designed and currently implementing horizontally-scalable and highly-available MQ infrastructure using AWS services ([Docker](#), [ECS](#), [CDK](#))

Software Developer - Six Flags Corporate — Nov 2019-Jun 2021

- Led effort to utilize [React](#) and [TypeScript](#) in new frontend projects; researched technologies and drove best practice adoption
- Collaborated with a small team to design system architecture of a new real-time attendance reporting application ([AWS Lambda](#), [AWS Kinesis](#))
- Designed and implemented a browser-based, low-latency video streaming solution for IoT cameras using WebRTC ([Python](#), [gstreamer](#))

Software Development Intern - Six Flags Corporate — Jun 2019-Nov 2019

- Led effort to implement Datadog monitoring into application ecosystem, greatly increasing system observability
- Integrated new filtering in targeted promotions system, increasing promotion flexibility by 40% ([.NET](#), [Angular.js](#), [MS SQL](#))
- Implemented performance improvement in account inquiry tool, significantly reducing search latency ([.NET](#), [jQuery](#), [MS SQL](#))

Freelance Software Developer — Jan 2019-Jan 2021

Designed and engineered a specialty SaaS web application and licensed it to a Texas corporation. ([Ruby on Rails](#), [jQuery](#), [PostgreSQL](#))

Managerial Supervisor - Six Flags Over Texas — Jun 2014-Jun 2019

- Reverse-engineered Oculus code, and built companion [Android](#) application used internationally at Six Flags VR Coaster installations.
- Built various automation tools using [JavaScript](#), [jQuery](#), [VBA](#), and [MS SQL](#)

Software Developer - Overcast Network, LLC — August 2013-December 2015

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- Implemented a new framework for in-game language translations, using crowd-sourcing to utilize the power of the community. Over 90% of strings available in 11 languages ([Java](#))
 - Re-designed complex permissions system for front-end website, improving system flexibility ([Ruby on Rails](#), [Redis](#), [MongoDB](#))
 - Implemented several new features for modular game experience ([Java](#))

Additional technical experience: Docker, Redis, HTML/CSS, UNIX

Education

University of Texas Arlington, Arlington, TX — BS Information Systems, 2020
