ALEEM HAQ

SOFTWARE ENGINEER

DETAILS

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EMAIL
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LINKS

aleemulhaq.github.io

linkedin.com/in/aleemhaq

SKILLS

Java

Python

C# .NET

JavaScript (ES7+)

Ruby on Rails

Django

PostgreSQL

HTML & CSS

REST API

React

Node.js

AWS

NumPy

JUnit

Docker

Jenkins

iOS Development

Unity (game engine)

Appium & Selenium

Agile & Git workflow

EDUCATION

Bachelors Computer Science , McMaster Univeristy   Hamilton
May 2022

EMPLOYMENT

Software Engineer, Equestrian Show Manager   Toronto
Mar 2021 — Aug 2021

· **Project Owner** & **lead full-stack Engineer**
· Designed & built a **payment transaction system,** transforming the **manual-in person** to an **online authenticated payment service,** using Ruby on Rails, JavaScript, PostgreSQL and the Square API
· Rewrote our front-end components in React.js to improve user experience & received **positive reviews**

Software Engineer, theScore   Toronto
Apr 2018 — Aug 2019

· Collaborated across multiple teams to **develop, test** & **launch** theScore's Android & iOS mobile gambling applications
· Responsible for testing **Geolocation** & **Bet API**, to verify betting features are inaccessible in States with an effective online gambling ban

Software Engineer Co-Op, theScore   Toronto
May 2016 — Aug 2017

· Developed a **UI test automation** framework with Appium for Android and iOS applications, **reducing a 2 week manual testing process to a 15 hour automated CI/CD pipeline**

Software Engineer in Test (SDET), Urbint   New York City
Aug 2021 — Dec 2021

· Developed a tool & web-app to monitor & conduct performance tests for the Urbint API & visualize metrics, integrated with Datadog, Jenkins & Docker
· Profiled API & SQL queries, and optimized them to **decrease average HTTP request response rate by -63% (800ms to 300ms)**
· Rewrote & modernized **documentation** for **test infrastructure reducing new hire ramp-up time** from **1 week**+ to **1 day**

PROJECT

Casino VR, Behavioral Economics

· Virtual reality casino environment, built using C#, Unity (game engine) & SQL, to conduct experiments on risk aversion behavior
· Ability to customize ambient light and sound effects to determine how a change in an environment setting affects a gambler's decision making process