KEANU KERR

keanukerr.com

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SKILLS

Programming Languages	Go, Java, Python, TypeScript, JavaScript, Rust, C++, C, Bash
Frameworks & APIs	Spring, JAX-RS, Node, Angular, Elasticsearch, PyTorch
Technologies & Services	Linux, Git, REST, GraphQL, SQL, Docker, k8s, AWS, Azure

EXPERIENCE

Bread Financial   March 2023 - Present

Software Engineer   *Philadelphia, Pennsylvania*

- Developed REST and RPC APIs using Go and integrated them with Postgres databases
- Led small team to create new API and migrated functionality from older project
- Deployed APIs as Docker images on Kubernetes platform

General Motors   February 2020 - March 2023

Software Engineer   *Austin, Texas*

- Created REST APIs using Spring Framework and JAX-RS integrating with Oracle SQL databases
- Increased performance of search APIs by deploying and integrating Elasticsearch cluster
- Employed TDD and CI/CD practices using Docker and Kubernetes clusters hosted on Azure

Elgato   May 2016 - August 2016

Software Engineer Intern   *Munich, Germany*

- Created test overlays for Game Capture software written in JavaScript
- Worked on internal metrics monitoring page written in Angular
- Used Git to collaborate with other teams of developers on internal web applications

PROJECTS

University of Edinburgh   April 2019 - August 2019

Master's Dissertation Project   *Edinburgh, Scotland*

- Created multiplayer role-playing game in Java with JavaFX and peer-to-peer networking
- Designed using OO design patterns with intent of being used as a learning tool for students
- Created documentation for setup and possible ways to extend functionality

University of Florida   January 2018 - May 2018

Senior Project   *Gainesville, Florida*

- Built front end Angular web application allowing users to create custom game characters
- Integrated with back-end service written in Go to store user profiles and character data
- Self-hosted website and related components on home server

EDUCATION

University of Edinburgh   *November 2019*

MSc in Informatics

University of Florida   *May 2018*

BSc in Computer Science
Minor in Studio Art