KEANU KERR

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EDUCATION

University of Edinburgh   *November 2019*
MSc in Informatics
University of Florida   *May 2018*
BSc in Computer Science
Minor in Studio Art

SKILLS

Programming Languages	Java, Python, TypeScript, JavaScript, Rust, Go, 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