Jordan Ruetz

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EXPERIENCE

POINTCLICKCARE | Cloud Engineer - Coop
Sept 2020 – Dec 2020 | Toronto, ON

- Designed a platform for trend analysis and anomaly detection of Prometheus metrics using DataBricks
- Created machine learning models from historical metric data, leading to a better understanding of system stability and cost optimization
- Analyzed metric values against generated models to detect anomalies and preemptively discover system issues

AMAZON | Software Development Engineer Intern
July 2020 – Sept 2020 | Toronto, ON

- Designed a new Java microservice using AWS Lambda, API Gateway and SQS to manage merchant downloads
- Used CloudFormation to automatically create required infrastructure
- Implemented an API to handle fetching large scale advertisement campaigns for thousands of merchants
- Created a system to aggregate merchant sales data and preserve download history in S3 and DynamoDB

FLIPP | Associate Software Engineer
May 2019 – June 2020 | Toronto, ON

- Designed NodeJS microservices to aggregate data, manage assets on S3 and communicate in real-time via Kafka topics to generate digital content
- Implemented API fetching, CSV processing and real-time messaging which led to the onboarding of key merchants
- Designed and built language translation tables for a content processing system, enabling multilingual support
- Created DataDog monitors to automatically alert the team to system issues

UNIVERSITY OF TORONTO | Teaching Assistant
Jan 2019 – Apr 2019 | Toronto, ON

- Conducted labs for 30 first year CS students, leading discussions about lecture material
- Explained Python concepts, such as recursion and trees, to students

PROJECTS

THE PRODUCE STORE

- Developed a website to promote and order produce from a local farm using React, Webpack, Express, NodeJS and Docker
- Implemented ability to view products, see inventory and place orders
- Created mobile friendly design with a responsive layout
- Used AWS MySQL DB to store inventory, customer and order information

KAFKA VISUALIZER

- Created a NodeJS app to view kafka topology and easily understand how topics interact with microservices
- Utilized docker-compose to easily spin up a kafka cluster on any machine
- Created a website to display the topology using HTML, CSS and JavaScript
- Used ExpressJS, NodeJS and Socket.io to continuously send info to the frontend, allowing real time updates

SKILLS

LANGUAGES
Java • Python
JavaScript
TypeScript • SQL
HTML • CSS

TOOLS & TECHNOLOGIES
Git/Github • NodeJS
npm • Express • React
Jest • Postman • Linux
AWS (Cloud Computing)
Docker • Kubernetes
Kafka • NoSQL

EDUCATION

UNIVERSITY OF TORONTO
Bachelor of Science in Computer Science with a minor in Statistics
Expected 2021
CGPA: 3.5 / 4.0

COURSEWORK

Software Engineering
Algorithm Design and Analysis
Data Structures
Object - Oriented Programming
Dynamic Programming
Web Programming
Databases
Operating Systems
Machine Learning

CLUBS & ACTIVITIES

Computer Science Ambassador
Autoronto Member
ElleHacks Mentor
EC Hacks, 1st place
Hack The North, Best Azure Hack

LINKS

Github:// **JordanRuetz**
LinkedIn:// **jordan-ruetz**