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TECHNICAL SKILLS

Programming Languages: Kotlin, Java, C, C++, Python, JavaScript, HTML/CSS, Bash
Frameworks and Databases: Dropwizard, Kotest, MySQL, PostgreSQL, React, Django, LocalStack, Testcontainers, Android
AWS: IAM, Lambda, SQS, SNS, S3, API Gateway, RDS, DynamoDB, EC2, SES, CloudFormation, Secrets Manager
Tools: Git, Postman, Datadog, Docker, Kubernetes, Terraform, Swagger, PagerDuty, Atlassian (Confluence, Jira, Bitbucket)

WORK EXPERIENCE

INVIDI Technologies

Edmonton, AB, Canada (Remote)

Intermediate Software Developer

June 2022 - Present

Performed backend development and DevOps tasks for the INVIDI Conexus™ platform, facilitating seamless connection of providers' ad inventory with multiple distributors.

- Engineered high-performance, scalable, and fault-tolerant applications using Kotlin, Kubernetes, and AWS.
- Developed and maintained a critical component handling 100,000+ ad inventory requests daily.
- Implemented RESTful APIs with OAuth 2.0 authentication, securing data exchange between system components.
- Introduced automated email notifications for customers regarding pending advertisement slots, leading to a 15% boost in client impressions.
- Managed cloud infrastructure across 10+ environments using Terraform and Bitbucket Pipelines.
- Contributed to a 24-hour on-call rotation, ensuring a 99.9% system uptime and minimizing revenue loss.
- Mentored and supported new team members, sharing technical expertise and industry insights to accelerate their onboarding process.
- Recognized as the recipient of the prestigious 2023 INVIDI Best Talent Award for outstanding contributions to the team.

INVIDI Technologies

Edmonton, AB, Canada (Remote)

Software Developer Intern

May 2020 - September 2021

Collaborated within a scrum team of 6 to develop Kotlin microservices for the INVIDI Edge™ platform, enabling television distributors and providers to seamlessly deliver targeted advertising to their audience.

- Developed a component responsible for contract management, ensuring precise allocation of ad insertion rights within designated timeframes.
- Enhanced code coverage from 60% to 95% in existing projects through the implementation of unit and integration tests.
- Extended Datadog dashboards and monitors, resulting in a 20% reduction in issue resolution time.

PROJECTS

ISSSRewards *React, Django*

 [iss srewards.com](#)

A rewards-based web application for The Interdepartmental Science Students' Society at the University of Alberta with 30,000+ members.

- Developed a React frontend and a fully specified REST backend built with Django and PostgreSQL
- You can view a video demo of the project here 

FeelsBook *Android, Firebase*

An Android application where users can post, track, and share their moods.

- Used Firebase to store and retrieve user data
- Utilized Google Maps API to track locations of user posts and display them on a map

EDUCATION

University of Alberta

Bachelor of Science with Specialization in Computing Science

Edmonton, AB, Canada

May 2022