Kyle Philip L. Balisnomo

Edmonton, AB, Canada · kylebalisnomo@gmail.com · 780-860-0914

in kyle-balisnomo · ⦿ kbalisnomo

Technical Skills

Programming Languages:	Kotlin, Java, C, C++, Python, JavaScript, HTML/CSS, Bash
Frameworks and Databases:	Dropwizard, Kotest, PostgreSQL, React, Django, Express
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

Engineered high-performance, scalable, and fault-tolerant applications using Kotlin, Kubernetes, and AWS for the INVIDI Conexus™ platform.

- Developed and maintained a critical component handling 100,000+ ad inventory requests daily, facilitating seamless connection of providers' ad inventory with multiple distributors.
- Recognized as the recipient of the prestigious 2023 INVIDI Best Talent Award for outstanding contributions to the team.
- 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 Datadog.
- 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.

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

INVIDI Symphonia *Google Gemini, React, Express, Python*

A generative music platform, winner of the INVIDI 2024 Hackathon.

- Generated chords and melodies via Google Gemini API.
- Translated text data to midi files using Python.
- Utilized Material UI for our React frontend.

ISSSRewards *React, Django*   ⚲ isssrewards.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. ▶

Education

University of Alberta   Edmonton, AB, Canada
Bachelor of Science with Specialization in Computing Science   May 2022