



# KYLE BALISNOMO

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 kyle-balisnomo ·  kbalisnomo

## TECHNICAL SKILLS

Programming Languages:	Kotlin, Java, Python, C, C++, JavaScript, Bash, HTML/CSS
Frameworks and Databases:	Dropwizard, Kotest, Pytest 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

### Intermediate Software Developer

Edmonton, AB, Canada (Remote)

*INVIDI Technologies*

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.
- 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.
- Containerized applications and deployed them to Kubernetes clusters on Amazon EKS.
- 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.
- Part of 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.

### Software Developer Intern

Edmonton, AB, Canada (Remote)

*INVIDI Technologies*

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 features for 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 32% improvement in incident detection accuracy.

## 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*

 [iss srewards.com](https://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](#). 

## EDUCATION

### University of Alberta

Edmonton, AB, Canada

Bachelor of Science with Specialization in Computing Science

May 2022