Kyle Philip L. Balisnomo

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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

- Responsible for Backend development and DevOps tasks overseeing INVIDI Conexus™
- Engineered high-performance, scalable, and fault-tolerant applications using Kotlin, Kubernetes, and AWS
- Developed RESTful APIs, implementing OAuth 2.0 to ensure secure data exchange between components
- Implemented 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
- Joined 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
- Recipient of the 2023 INVIDI Best Talent Award

INVIDI Technologies — Edmonton, AB, Canada (Remote)
Software Developer Intern — May 2020 - September 2021

- Worked within a scrum team of 6 to develop Kotlin microservices in INVIDI Edge™
- 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* — ⚲ 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
- Integrated Google login functionality, enabling users to authenticate securely using OAuth with Google accounts
- 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 — Edmonton, AB, Canada
BSc with Specialization in Computing Science — September 2017 - May 2022