
ESTHER BARUTI

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PROFESSIONAL SUMMARY

Experienced software engineer with 9+ years of expertise in technical troubleshooting and solving complex business challenges. Proactively communicates and fosters collaboration to deliver impactful solutions. Committed to team success, consistently delivering effective solutions with compassion, care, and enthusiasm. Approaches every project with expertise and a positive outlook, ensuring excellence in every endeavor.

SKILLS

Languages : Java, JavaScript, HTML, CSS, Python, Bash, SQL, YAML, Terraform.

Databases & Messaging : MySQL

Tools : Docker, Kubernetes, Vault, Gradle.

Frontend & Mobile : React, Android.

Security & Authentication : JWT, SSO, LDAP, SAML.

Monitoring & Incident Management : Grafana, PagerDuty.

Cloud & Infrastructure: Linux, AWS, GCP.

Development Tools : GitLab, GitHub.

WORK EXPERIENCE

Self-Employed, 11/2024 - Current

Ndwaya Studio Inc. – Toronto, ON

- Conducted comprehensive client consultations to analyze business requirements and deliver tailored e-commerce solutions that aligned with strategic objectives.
- Implemented integrated barcode scanning system with Lightspeed Ecommerce platform, successfully transitioning client from physical store-only operations to a unified in-store and online retail presence.
- Executed data standardization project for 200+ SKUs, transforming raw product data into optimized formats for e-commerce platform integration.

Senior Site Reliability Engineer, 08/2022 - 09/2024

Loblaw Technology – Toronto

- Engineered automated Vault code review process using GKE runners and GCP Workload Identity, reducing delivery time from 24 hours to 5 minutes and eliminating human errors while supporting 1,000+ developers.
- Designed and implemented PagerDuty incident response workflows, significantly improving mean time to resolution and establishing streamlined operational procedures.
- Led infrastructure strategy for mission-critical applications (Vault, Terraform Enterprise, Gradle Enterprise, Jenkins, GitLab), leveraging Python, Terraform, and GCP services to optimize cloud and on-premises operations.
- Orchestrated enterprise-wide authentication system implementation using DigiCert, SAML, and LDAP, managing secure access control through ServiceNow change management protocols.
- Architected and validated solution for DockerHub image management via Google Artifact Registry (GAR),

establishing efficient workflows for container image retrieval and versioning.

Senior Android Productivity and Release Engineer, 12/2021 - 08/2022

Loblaw Digital – Toronto

- Engineered automated release management system using Bash, Git, and GitLab CI, implementing version control automation and Jira integration for streamlined deployment workflows and transparent ticket tracking.
- Architected Android CI/CD pipelines leveraging GitLab, Docker, and Google Container Registry, establishing scalable and maintainable build infrastructure.
- Optimized CI/CD processes through GitLab caching implementation and best practices, reducing pipeline runtime by 50% while collaborating with clients on system specifications and improvement strategies.
- Modernized internal distribution workflows by implementing Firebase App Distribution with automated scripts, significantly improving deployment efficiency and standardization.
- Led cross-functional collaboration between development and QA teams to deliver high-performance solutions that exceeded client requirements for functionality, scalability, and performance.

Android Productivity and Release Engineer, 10/2019 - 12/2021

Loblaw Digital – Toronto, ON

- Developed and implemented Docker-based mobile pipeline solutions for three Android applications, ensuring consistent build environments and deployment processes
- Established robust code quality standards using Detekt and Jacoco for static analysis, identifying and resolving critical bugs and security vulnerabilities across client codebases
- Led optimization of build and testing pipelines while providing technical mentorship to a team of 50 Android developers, improving development efficiency and code quality
- Architected a parallel mobile testing infrastructure using Firebase Test Lab and Google Cloud Storage, enabling simultaneous cross-device testing and automated results collection, reducing testing time by 70% from 1 hour for a single test to 100 tests in 30 minutes.

Android Software Engineer, 08/2018 - 10/2019

Loblaw Digital – Toronto

- Demonstrated expertise in mobile development lifecycles, successfully managing complex challenges from initial design through deployment to ensure seamless integration and delivery.
- Led the migration of Android application libraries to AndroidX, modernizing the codebase and improving overall application performance and compatibility.
- Achieved 95% reduction in UI testing time by optimizing test suite infrastructure and implementing Firebase Test Lab, scaling from 1 test per hour to 100 tests in 30 minutes.
- Successfully executed partial codebase migration from Java to Kotlin, enhancing code maintainability and implementing modern language features while maintaining application stability.

Android Developer, 06/2017 - 07/2018

CrowdSpark Ltd – Toronto

- Led Android SDK maintenance and refactoring initiatives for the main app and libraries, improving performance and compatibility using Gradle and Java.
- Integrated Firebase services for push notifications and user event tracking, enhancing user engagement

and analytics capabilities using Firebase.

- Designed and implemented user flows to ensure GDPR compliance, protecting user privacy and maintaining legal requirements.
- Conducted comprehensive application testing and quality assurance, achieving 100% resolution of identified issues before release.
- Successfully developed and published an Android application, managing the complete product lifecycle from conception to Play Store deployment

Front End Developer, 05/2015 - 06/2017

CrowdSpark Ltd – Toronto

- Architected and implemented Angular upgrade solutions that automated version management for 20+ client applications, streamlining the deployment process and ensuring consistency.
- Modernized contest application UI/UX using Bootstrap and JavaScript, resulting in enhanced responsiveness and improved user engagement.
- Delivered ongoing maintenance and development support for legacy web applications, resolving critical bugs and implementing patch sets using jQuery and JavaScript technologies.

LANGUAGES

Bilingual in French and English.

VOLUNTEER

Dog Handler - Sunshine Therapy Dogs October 2024 - Present

Technology for Teachers Conference January 2015

Student Representative - T127 September 2013 - 2015

Terry Fox Foundation June 2012 - August 2012

AWARDS

Developer 30 Under 30 April 2019

Valedictorian George Brown College - June 2015

Michael Cooke Leadership Award 2015

Dean's Certificate of Recognition 2015

Dean's Certificate of Recognition 2014

Contribution: Cisco Packet Tracer Mobile 2014

EDUCATION

Ontario College Advanced Diploma: Computer Programmer Analyst, 04/2015

George Brown College - Toronto