

# Shanemel Asuncion

## Full-Stack Developer

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[github.com/ShanemelAsuncion](https://github.com/ShanemelAsuncion)

[Portfolio Website](#)

## PROFILE

I am a Computer Science graduate with a strong foundation in software development and a background in machine learning and natural language processing. With hands-on experience across a variety of tools and technologies, I bring leadership skills and a focus on delivering high-quality, client-centered solutions. I'm dedicated to driving successful outcomes and building lasting professional relationships.

## SKILLS

Python, SQL, Data Analysis, Data Visualization

Sketch, Figma, Design Thinking, Wireframes, User Research, UX Strategy, Personas, Prototyping, User Testing, UI Design

HTML, CSS, Sass, JavaScript, REST APIs, React JS, Node.js, MySQL, Ruby

Python, System Administration: Linux Bash, Powershell, Git, Julia, Kotlin, Java, C#, C++, C, Assembly

## PROJECTS

### Full-Stack Developer | [Custom Website Builder](#)

SEP 2025

- Developed a **no-code website builder** with modular front-end components, secure authentication, and cloud-based uploads.
- Enabled **zero-redeploy runtime configuration** and delivered fully functional platforms for clients like **Jay's Blade & Snow Services**.

### Front-End and Quality Assurance Developer | [Habitize](#)

SEP 2021 - DEC 2021, CMPUT 301 CAPSTONE

- Developed a habit tracking app using Android Studio and Java, integrating Firebase for real-time data sync, user authentication, and cloud storage, while leveraging Google Cloud Platform for allowing adding location.
- Tested the app using Espresso for UI automation and followed Scrum practices to ensure agile project management and timely delivery.

## EDUCATION

### BrainStation | Diploma, Software Engineering

JUL 2024 - SEP 2024, TORONTO, ON

### AI4Good Lab | Fellowship, Machine Learning

MAY 2022 - JUN 2022, MONTREAL, QC

### University of Alberta | Bachelors in Science, Major in Computing Science

SEP 2020 - NOV 2024, EDMONTON, AB

## EXPERIENCE

### Full-Stack Developer | Skillsoniq

MAY 2025 - PRESENT, REMOTE

- Developed and maintained full-stack features using Ruby on Rails, integrating frontend and backend workflows.
- Implemented NLP-driven algorithms to enhance candidate-job matching and optimize platform intelligence.
- Leveraged AWS, PostgreSQL, and modern web technologies for deployment, scalability, and client projects.

### Mobile Developer | [uniONE](#)

JAN 2023 - APR 2023, EDMONTON, AB

- Designed and developed a mobile application MVP for a startup aimed at facilitating student networking based on shared interests.
- Leveraged React Native and Expo for cross-platform compatibility, with Django and PostgreSQL providing a scalable backend infrastructure.

### Android Developer | Canadian Organization for Undergraduate Health Research

DEC 2021 - APR 2022, EDMONTON, AB

- Focused on front-end development for a data collection application to track disease progression and daily health metrics in Alzheimer's Disease patients
- Built with Android Studio and Kotlin, leveraging Firebase for secure data storage and real-time updates.