

Raphael Gutierrez

Full-Stack Developer | React • Django • TypeScript

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EDUCATION

University of Alberta

Sep 2020 – Apr 2025

Bachelor of Science in Computing Science, Minor in Mathematics

Edmonton, AB

- **Relevant Coursework:** Algorithms and Data Structures, Database Systems and Management, Web Applications and Architecture, Object-Oriented Programming, Machine Learning, Reinforcement Learning, Natural Language Processing, Computational Cryptography, Numerical Methods

TECHNICAL SKILLS

Programming: Python, Java, TypeScript, JavaScript, SQL, C, C++, MATLAB

Web & Frameworks: React, Next.js, Django, Tailwind CSS, Node.js, REST APIs, Framer Motion

Tools & Cloud: Git, GitHub Actions, Docker, Heroku, Firebase, Sentry, Visual Studio Code, PyCharm

Methods: Agile/Scrum, Test-Driven Development, CI/CD, Unit Testing (JUnit)

PROJECTS

Tether Banking | *Next.js, TypeScript, Tailwind CSS, Appwrite, Plaid API, Sentry*

Feb 2025

- Developed a full-stack banking dashboard enabling users to securely link and manage bank accounts.
- Integrated Plaid API for real-time balances, transaction history, and institution data.
- Implemented responsive UI with Tailwind CSS, improving accessibility across devices.

Distributed | *Python, Django, React, TypeScript, Heroku*

Sep 2023 – Dec 2023

- Built a social-networking app in a 5-person Agile team; enabled cross-server post sharing.
- Owned front-end architecture with React and Material UI for a polished user experience.
- Created RESTful APIs with Django, ensuring seamless client-server integration.

ePortfolio — rmgutierrez.github.io | *Next.js, Tailwind CSS, Framer Motion*

Aug 2023 – Present

- Developed a personal portfolio with server-side rendering and modern UI component library.
- Added engaging animations via Framer Motion to enhance user interactions.
- Automated deployments with GitHub Actions to GitHub Pages.

Foodegy | *Java, Firebase, JUnit, Robotium, Android Studio*

Sep 2022 – Dec 2022

- Led UI design and implementation for a team-built Android food-planning app.
- Implemented key features and ensured quality with unit and instrumentation tests.
- Practised iterative development using Agile ceremonies and artefacts.

Control | *Java, Firebase, Android Studio*

Dec 2021

- Co-created a mental-health mood-tracking app; placed 2nd of 270 at 2021 Calgary Youth Hackathon.
- Implemented profile creation and journal logging on both front-end and back-end.

EXPERIENCE

Full-Stack Developer (Client Project)

Jan 2025 – Apr 2025

Fluently

Edmonton, AB

- Developing quiz engine enabling instructors to design custom ESL assessments for students.
- Built instructor feedback system with structured templates for faster, consistent reviews.
- Integrated student progress dashboards detailing milestones, session history, and trends.
- Stack: React, Django, PostgreSQL, Tailwind CSS; collaborating in an 8-member Agile team.