

# Esteban Romo

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## SKILLS

**Languages:** Typescript, SQL, Postgres, JavaScript, HTML, CSS.  
**Frameworks:** React, React Native, ExpressJS, Fastify, Jest.  
**Tools:** Git, CircleCI, GitHub Actions, Jenkins, XCode, Lerna.  
**Infrastructure:** AWS, Elastic Beanstalk, RDS, ElastiCache, EC2, Terraform.  
**Libraries & Others:** Node.js, Typeorm, Ant Design, Tailwind, Redis, Docker, HL7.

## LANGUAGES

**English:** Native  
**Spanish:** Native

## EXPERIENCE

### Full Stack Software Engineer

Apr 2021 – Nov 2023

*CANImmunize*

*Remote*

- Spearheaded the creation of multiple health-tech products, such as:
- VaxRecordNS:** Allows the residents of Nova Scotia to access their vaccination records.
  - Developed a web and mobile app using React, React Native, and Typescript that interfaces with various government services to access the vaccination records of 1M+ people.
  - Designed scalable serverless services that allow users to manage their dependents and generate official vaccination records using Terraform, AWS, Twilio, and Redis.
  - Created dashboards and alerts to monitor the health of the service with CloudWatch and Slack integrations.
  - Integrated SAST into the project to become SOC 2 compliant in collaboration with cybersecurity auditors.
  - Set up CI/CD pipelines to build, test, and deploy the applications with CircleCI.
- Shield:** Helps employers collect, manage and verify proof of vaccination of their employees.
  - Architected a SaaS product with Typescript, React, and PostgreSQL that handled the PHI of 150K+ users.
  - Interviewed candidates, assisted in hiring, and onboarded co-op students.
  - Reviewed peers' code and mentored junior developers.
  - Diagnosed, mitigated and solved critical incidents as the on-call engineer in close coordination with the customer support team.
- ClinicFlow:** End-to-end solution that handles the COVID-19 vaccination rollouts in Yukon and Nova Scotia.
  - Developed performant web, Android and iOS applications with React, React Native, and PostgreSQL that handle the forecasting, booking, and proof of vaccination of 1M+ Canadians.
  - Headed deployments that involved major data migrations and infrastructure changes.
- Canadian Vaccine Catalogue:** Comprehensive repository of vaccine products and terminology in Canada.
  - Solely responsible for maintaining a catalogue with 100K+ records made publicly available as an npm package, web app, and FHIR API running on AWS EC2.

### Freelance Lead Developer

Feb 2020 – May 2020

*ppeburnrate.com*

*Oakville, Ontario*

- Recruited and led a team of 5 developers in building a responsive web app that helps organizations manage their PPE consumption using React, ExpressJS, DigitalOcean and Microsoft SQL Server.

## EDUCATION

### Sheridan College

Sep 2019 – Dec 2020

*Ontario College Diploma in Software Engineering*

*Oakville, Ontario*

- GPA: 3.93/4.00; High Honours.

## PROJECTS

**@es-romo/relay** | *Typescript, Fastify, Lerna, Jest, GitHub Actions, Glitch*

Nov 2023 – Present

- WebSocket relay server that bridges the communication between clients for use in listen server architectures.