

# Esteban Romo

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## EXPERIENCE

### Medical Treatment & Recovery

Dec 2023 – May 2024

### Full Stack Software Engineer

Apr 2021 – Nov 2023

*CANImmunize*

*Remote*

- Built web and mobile applications that power the COVID-19 vaccination campaigns in Nova Scotia and Yukon.
- Developed user interfaces used by 1M+ people across different projects with Typescript, React, CSS, and Redux.
- Designed serverless services that allows residents of Nova Scotia to access their vaccination records using Serverless, Redis and Twilio.
- Migrated and expanded CI/CD pipelines from Jenkins to CircleCI; sharply decreased the deployment process duration by 80%, from an average of 1 hour down to 12 minutes.
- Ported a large legacy codebase from Node.js v9 to v18; enabled the resumption of its development.
- Set up service health monitoring dashboards with CloudWatch and integrated them with Slack; helped halve service incidents and reach 99.98% uptime.
- Wrote hundreds of unit and integration tests with Jest; maintained branch coverage above 80%.
- Built a SaaS product with 150K+ users that helps employers manage their immunization policies.
- Created Terraform templates to manage the infrastructure of many projects.
- Maintained a public repository of vaccine products and lots made available as an npm package, web app, and REST FHIR API with 100K+ records.
- Headed data migrations of millions of medical records with PostgreSQL and Typeorm.
- Participated in recruitment events, conducted technical interviews and onboarded co-op students.

### 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.

### Centro de Enseñanza Técnica Industrial

Aug 2015 – Jun 2019

*Technologist in Software Development*

*Guadalajara, Mexico*

## PROJECTS

### Coco | JavaScript, Tera, Sass, HTML, GitHub Actions

June 2024 – Present

- Created a minimalistic Zola theme originally for my personal website, now freely available.

### Kai | Typescript, Vite, Jest, Fastify

Nov 2023 – Present

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

## SKILLS

**Languages:** Typescript, SQL, JavaScript, HTML, CSS.  
**Frameworks:** React, React Native, ExpressJS, Jest, Fastify.  
**Tools:** CircleCI, GitHub Actions, Git.  
**Infrastructure:** AWS, Terraform, Firebase.  
**Others:** Node.js, Redis, Docker, Typeorm, Tailwind.

## LANGUAGES

**English:** Fluent  
**Spanish:** Fluent