

# Esteban Romo

[github.com/es-romo](https://github.com/es-romo) | [esteban@romo.sh](mailto:esteban@romo.sh) | [linkedin.com/in/es-romo](https://linkedin.com/in/es-romo)

## EXPERIENCE

### Medical Treatment & Recovery

Dec 2023 – May 2024

### 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 provide 1M+ people access to their vaccination records.
  - \* Designed scalable serverless services using Terraform, AWS, Twilio, and Redis.
  - \* Created service health alerts with CloudWatch; halved incidents and reached 99.98% uptime.
  - \* Achieved SOC 2 compliance by integrating Snyk SAST.
  - \* Set up CI/CD pipelines with CircleCI and GitHub Actions; decreased the release process duration by 70%.
- **Shield**: Helps employers collect, manage and verify proof of vaccination of their employees.
  - \* Built a SaaS product using Typescript, React, Node.js, AWS and PostgreSQL that reached 150K+ users.
  - \* Conducted technical interviews and onboarded co-op students.
  - \* Reviewed pull requests daily and mentored junior developers.
  - \* Diagnosed, mitigated and solved critical incidents as the on-call engineer.
- **ClinicFlow**: End-to-end solution that handles the COVID-19 vaccination rollouts in Yukon and Nova Scotia.
  - \* Developed web, Android and iOS applications with React, React Native, and PostgreSQL that handle the forecasting, booking, and proof of vaccination of 1M+ Canadians.
  - \* Headed bi-weekly deployments that involved major data and infrastructure migrations.
- **Canadian Vaccine Catalogue**: Comprehensive repository of vaccine products and terminology in Canada.
  - \* Maintained a public catalogue made available as an npm package, web app, and RESTful FHIR API with 100K+ records.

### 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/coco** | *Typescript, Fastify, Jest, GitHub Actions*

Nov 2023 – Present

- 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.

**Libraries & Others**: Node.js, Redis, Docker, Typeorm, Ant Design, Tailwind.

## LANGUAGES

**English**: Fluent

**Spanish**: Fluent