

Esteban Romo

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EXPERIENCE

Medical Treatment & Recovery

Dec 2023 – May 2024

Full Stack Software Engineer

Apr 2021 – Nov 2023

CANImmunize

Remote

- Developed web, Android and iOS applications with React, React Native, and PostgreSQL that power the COVID-19 vaccination campaigns in Nova Scotia and Yukon.
- Designed scalable serverless services using Terraform, AWS, Twilio, and Redis.
- Created service health alerts with CloudWatch; halved incidents and reached 99.98% uptime.
- Developed a web and mobile app using React, React Native, and Typescript that provide 1M+ people access to their vaccination records.
- Set up CI/CD pipelines with CircleCI; decreased the release process duration by 70%.
- Built a SaaS product using Typescript, React, Node.js, AWS and PostgreSQL that reached 150K+ users.
- Maintained a public catalogue vaccine products and lots made available as an npm package, web app, and RESTful FHIR API with 100K+ records.
- Achieved SOC 2 compliance by integrating Snyk SAST.
- 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.
- Headed bi-weekly deployments that involved major data and infrastructure migrations.

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 | Zola, JavaScript, HTML, Sass, Tera

June 2024 – Present

- Minimal Zola theme created for my personal website.

Camila | C++, OpenGL, GLFW, glad, glm, assimp

May 2024 – Present

- OpenGL 3D graphics engine with PBR lighting and asset loading.

Kai | 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