

# Esteban Romo

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## EXPERIENCE

<b>Medical Treatment &amp; Recovery</b>	Dec 2023 – May 2024
<b>Full Stack Software Engineer</b> <i>CANImmunize</i>	Apr 2021 – Nov 2023 <i>Remote</i>
<ul style="list-style-type: none"><li>Developed web, Android and iOS applications with React, React Native, and PostgreSQL that power the COVID-19 vaccination campaigns in Nova Scotia and Yukon.</li><li>Designed scalable serverless services using Terraform, AWS, Twilio, and Redis.</li><li>Created service health alerts with CloudWatch; halved incidents and reached 99.98% uptime.</li><li>Developed a web and mobile app using React, React Native, and Typescript that provide 1M+ people access to their vaccination records.</li><li>Set up CI/CD pipelines with CircleCI and GitHub Actions; decreased the release process duration by 70%.</li><li>Built a SaaS product using Typescript, React, Node.js, AWS and PostgreSQL that reached 150K+ users.</li><li>Maintained a public catalogue vaccine products and lots made available as an npm package, web app, and RESTful FHIR API with 100K+ records.</li><li>Achieved SOC 2 compliance by integrating Snyk SAST.</li><li>Conducted technical interviews and onboarded co-op students.</li><li>Reviewed pull requests daily and mentored junior developers.</li><li>Diagnosed, mitigated and solved critical incidents as the on-call engineer.</li><li>Headed bi-weekly deployments that involved major data and infrastructure migrations.</li></ul>	
<b>Freelance Lead Developer</b> <i>ppeburnrate.com</i>	Feb 2020 – May 2020 <i>Oakville, Ontario</i>
<ul style="list-style-type: none"><li>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.</li></ul>	

## EDUCATION

<b>Sheridan College</b> <i>Ontario College Diploma in Software Engineering</i>	Sep 2019 – Dec 2020 <i>Oakville, Ontario</i>
<ul style="list-style-type: none"><li>GPA: 3.93/4.00; High Honours.</li></ul>	
<b>Centro de Enseñanza Técnica Industrial</b> <i>Technologist in Software Development</i>	Aug 2015 – Jun 2019 <i>Guadalajara, Mexico</i>

## PROJECTS

<b>Coco</b>   <i>Zola, JavaScript, HTML, Sass, Tera</i>	June 2024 – Present
<ul style="list-style-type: none"><li>Minimal Zola theme created for my personal website.</li></ul>	
<b>Camila</b>   <i>C++, OpenGL, GLFW, glad, glm, assimp</i>	May 2024 – Present
<ul style="list-style-type: none"><li>OpenGL 3D graphics engine with PBR lighting and asset loading.</li></ul>	
<b>Kai</b>   <i>Typescript, Fastify, Jest, GitHub Actions</i>	Nov 2023 – Present
<ul style="list-style-type: none"><li>WebSocket relay server that bridges the communication between clients for use in listen server architectures.</li></ul>	

## 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