Jared Mejía Hernández

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PROFESSIONAL SUMMARY

Full-stack developer with 3+ years building web applications with TypeScript, React, and Node.js on AWS and Azure, across robotics, banking, healthcare, and education. Most recently built authentication, CI/CD, and real-time telemetry for a Y Combinator-backed robotics teleoperation platform. Works daily with AI tools like Claude Code and Greptile. Based in Honduras (Central Time), fluent in English, and available for remote work with US teams.

WORK EXPERIENCE

Robotic Crew | Software Engineer, Contract for Avea Robotics (YC-backed) (March 2026 - September 2026)

- Built a cross-device authentication system with Better-Auth and ElysiaJS, with org-level access control and Meta Quest VR headset login through a companion web app.
- Set up continuous deployment for a microservices monorepo with GitHub Actions and AWS CDK, automating releases of PostgreSQL databases, AWS Lambda functions, and cloud infrastructure.
- Integrated real-time logging and telemetry with ClickHouseDB and built a live dashboard for ~25 teleoperated robots.
- Moved the WebXR WebSocket cache to AWS Valkey (Redis) so robot-to-VR connections survive server restarts.

Edutechloft | Software Engineer (September 2025 - March 2026)

- Built Azure Functions automating student status tracking and document generation, replacing manual admin work.
- Developed dynamic web forms for student data collection with automated PDF generation and secure storage.
- Built complex SQL Server Reporting Services (SSRS) reports for Sonoran Desert Institute, a US college.
- Optimized SQL Server database workflows for availability and data integrity in student management systems.

Ficohsa | Frontend Developer (July 2024 - September 2025)

- Built the bank's online insurance purchase application, with payments taken directly from customers' bank accounts.
- Built micro-frontends with React, Module Federation, and Next.js so features ship as independent apps.
- Maintained the bank's internal component library built on Material UI, keeping the UI consistent across its web platforms.

Ingenieria Digital | Full-stack Developer (April 2023 - September 2025)

- Integrated insurance provider systems to automate real-time benefit verification for patients.
- Contributed to a digital medical records system and secure file storage on AWS S3.
- Developed an online scheduling and payment system for medical appointments.
- Built an internal component library on Shadcn to speed up development of new products.

PROJECTS

Clipit | Open-source AI video tool (github.com/EJaredMejia/clipit)

- Turns long Twitch and Kick streams into TikTok and YouTube Shorts clips, with AI picking moments that fit current trends.
- Built a web dashboard to publish clips with one click, AI-picked or hand-chosen, and request AI re-edits.
- Set up CI on GitHub Actions with tests on every pull request and automated AI code review through Greptile.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Python, SQL, PHP.
- **Frontend:** React, Next.js, Module Federation, Tailwind CSS, Material UI, Shadcn, Storybook, WebXR, HTML5, CSS3.
- **Backend & Cloud:** Node.js, Bun, Deno, ElysiaJS, Better-Auth, WebSockets, Prisma, Drizzle, Sequelize, AWS (Lambda, CDK, S3, Valkey), Azure Functions, GitHub Actions.
- **Databases:** PostgreSQL, SQL Server (SSRS), MySQL, ClickHouseDB, Valkey (Redis).
- **Testing & Workflow:** Vitest, Storybook, code review on every PR, AI-assisted development (Claude Code, Greptile).

EDUCATION & LANGUAGES

- **Systems Engineering coursework (2 years):** UNAH - Universidad Nacional Autónoma de Honduras.
- **Full Stack Developer Bootcamp:** Academlo.
- **Languages:** English (C2 - Proficient), Spanish (Native).