

Jorge Eduardo González Cortés

Tepic, Nayarit · [linkedin.com/in/joedgonzalezco](https://www.linkedin.com/in/joedgonzalezco) · +52 327 104 9974 · joorge.gonzalez.dev@gmail.com

Backend Developer specialized in building scalable, cloud-based systems using Node.js, TypeScript, and AWS serverless architecture. Experienced in designing RESTful APIs, asynchronous processing workflows, and clean architecture patterns in production environments. Strong focus on performance, reliability, and maintainability.

PROFESSIONAL EXPERIENCE

Backend developer – Atom – August 2025 - present

- Developed and maintained backend services using TypeScript and Node.js within a serverless architecture deployed on AWS using Serverless Framework.
- Designed and maintained scalable RESTful APIs using Node.js and TypeScript, enabling reliable communication between distributed services and improving system performance.
- Designed and implemented event-driven workflows using Amazon SQS to process asynchronous business operations.
- Configured infrastructure as code using serverless.yml, defining HTTP events, environment variables, IAM permissions, layers, and multi-stage deployments.
- Implemented robust validation, structured logging, and centralized error handling using shared utility layers.
- Worked with relational databases through shared data layers, implementing pagination, filtering, reporting logic, and optimized queries.
- Collaborated in Git-based workflows, handling feature branches, rebases, hotfixes, and production-ready deployments.
- Technologies: TypeScript, Node.js, Serverless Framework, AWS Lambda, API Gateway, Amazon SQS, MySQL, Git

Full-Stack Developer — Mobile Fitness Application – April- September 2025

- Developed a mobile fitness application with personalized AI-generated workout routines and progress tracking features.
- Built a RESTful API with Node.js, Express, and MySQL using a clean layered architecture (controllers, services, models).
- Designed and implemented a relational database schema with multiple entities (users, routines, exercises, progress, photos, injuries, measurements).
- Created a dynamic and interactive frontend using React Native (Expo), including animations and responsive UI/UX.
- Integrated authentication, persistent storage using AsyncStorage, and API communication with Axios.
- Implemented advanced features such as workout session timers, automatic routine generation, body measurements tracking, and photo progress galleries.

Product & UI/UX Designer — Tzuku (Paid Project) 2025

- Led the end-to-end design of a mobile application focused on pet monitoring and activity tracking.
- Designed user flows, navigation structure, and screen layouts with a strong focus on usability and product consistency.
- Created high-fidelity UI designs and interactive prototypes, ensuring a cohesive visual system across the app.
- Collaborated closely with stakeholders to translate product ideas into clear, functional application designs.
- Defined visual guidelines and design components to support future development and scalability.

Early Projects – February – December 2023

Full-Stack Foundations

- Built foundational full-stack applications using JavaScript, Node.js, Express, and SQL/NoSQL databases.
- Developed CRUD-based REST APIs and responsive UIs with HTML, CSS, and React.
- Gained hands-on experience with API consumption, Git workflows, and client-server architecture.

EDUCATION

Instituto Tecnológico de Tepic

Bachelor's Degree in Computer Systems Engineering

Tepic, Nay.

August 2020 - 2025

- Relevant coursework: Software Engineering, Web Development, Databases.

ADDITIONAL SKILLS

- **Soft Skills:** Teamwork, communication, problem-solving, adaptability.
- **Languages:** Spanish (Native), English (Advanced B2).
- **Briefcase:** (<https://motomotorotobombon.github.io/Briefcase/>)
- **GitHub:** (<https://github.com/JorgeGitHub>).