

Francisco Javier Cisneros Avila

Full-Stack Software Engineer | React, TypeScript, Node.js & AWS

Guadalajara, Jalisco, Mexico | +52 33-17-59-37-12 | hi@javiercisneros.me | javiercisneros.me | [LinkedIn](#) | [GitHub](#)

Full-Stack Software Engineer with experience designing, building, and owning cloud-native web applications from technical discovery through production deployment. Skilled in React, TypeScript, Node.js, and AWS serverless architecture, with hands-on experience in system integrations, secure authentication, cloud networking, Infrastructure as Code, CI/CD, and production support. Proven ability to lead technical implementations, collaborate directly with clients and platform engineers, troubleshoot cross-system issues, and deliver reliable applications used by internal teams and thousands of end users.

Technical Skills

Languages: TypeScript, JavaScript, HTML, CSS, SQL; working experience with Python and C#/.NET

Frontend: React, Next.js, Redux, Vite, Tailwind CSS

Backend & Data: Node.js, AWS Lambda, REST APIs, API Gateway, DynamoDB, Amazon RDS, PostgreSQL, MySQL

AWS: Cognito, IAM, VPC, NAT Gateway, VPC Endpoints, S3, CloudFront, EventBridge, Secrets Manager, Parameter Store, CloudWatch

DevOps & Architecture: GitHub Actions, CodePipeline, CodeBuild, AWS SAM, CloudFormation, CI/CD, Infrastructure as Code, serverless architecture

Security & Integrations: OAuth, JWT, API Gateway Authorizers, third-party APIs, embedded web applications, SOC 2 change controls

Professional Experience

Full-Stack Software Engineer

TekChoice | August 2024 – Present

- Independently lead the company's online banking integration initiatives, collaborating with enterprise clients, vendors, and platform engineering teams to deliver secure, production-ready solutions.
- Own the end-to-end delivery of cloud-based applications and third-party integrations, from requirements discovery and architecture through development, deployment, monitoring, and ongoing enhancements.
- Architected and led a production application aimed to impact more than 10,000 members, built with React, TypeScript, Node.js, AWS Lambda, API Gateway, Cognito, DynamoDB, S3, and CloudFront.
- Proposed and implemented a lower-cost external-account transfer workflow using existing platform capabilities and internal systems, avoiding the need for a more expensive third-party integration.
- Led two initial production integrations of a third-party platform into enterprise online systems, coordinating SDK implementation, iframe embedding, authentication, and session initialization with clients, vendors, and platform engineers.
- Investigated cross-browser and iOS session failures in an embedded application, identified third-party cookie restrictions as the root cause, and drove the adoption of a more reliable authentication approach with the vendor.
- Architected an internal time-tracking platform adopted by more than 50 employees using React, AWS serverless services, Cognito, RDS, EventBridge, and VPC networking, substantially reducing manual reporting work.
- Build and support AWS environments using Infrastructure as Code, CI/CD pipelines, VPC networking, IAM, CloudFormation, SAM, CodePipeline, CodeBuild, CloudWatch, Secrets Manager, and shared Lambda layers.
- Delivered additional production tools including transaction search, account maintenance, automated reporting, check verification, and a Python and Lambda remediation process that corrected fee records for more than 200 credit union members.
- Coordinate production launches, enhancements, hotfixes, client approvals, deployment windows, release documentation, and post-release validation through SOC 2 and Change Advisory Board processes.

Full-Stack Developer

Tianguiza | June 2023 – July 2024

- Designed and developed a Progressive Web App for discovering open-air markets in Guadalajara using React, Next.js, TypeScript, PostgreSQL, and Drizzle ORM.
- Built an interactive map, real-time location features, nearby-market search, user-preference filtering, and serverless Next.js actions.
- Implemented a GitHub-to-Vercel CI/CD workflow and automated code-quality analysis to improve deployment reliability, maintainability, and security.

Certification

AWS Certified Cloud Practitioner

Education

B.S. in Software Engineering, Cybersecurity Specialization

CETI — Guadalajara, Jalisco | July 2024

Languages

Spanish — Native | English — C1 Advanced