Cristian Dominguez

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Professional Summary

Results-driven Web Developer and Software Engineering student with hands-on experience designing and deploying React / Next.js and TypeScript applications in production. Skilled in full-stack development, API integration, and PostgreSQL, with a strong grasp of UX design, accessibility, and performance optimization. Adept at working in Agile, remote, and CI/CD environments using GitHub Actions and Cloud Run. Passionate about building scalable, user-focused web experiences and contributing to mission-driven startups.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, SQL, Java, Python
Frameworks & Libraries: React, Next.js, Node.js, Express.js, Spring Boot, TailwindCSS
Databases: PostgreSQL, LibSQL (Turso), MongoDB
Cloud & DevOps: Google Cloud Run, AWS S3, Vercel, CI/CD (GitHub Actions), Docker
Tools: Git, GitHub, Prisma ORM, Drizzle ORM, REST APIs, Linux, Figma
Core Competencies: Full-stack development, Serverless architecture, Authentication & Security, UX/UI Design, Accessibility (WCAG), Performance Optimization, Agile Collaboration

Technical Projects

AI Media Analysis Platform ⬈   *Sept 2025 - Present*

- Developed a full-stack, AI-powered news analysis app using React, TypeScript, and Express.js.
- Built RESTful APIs for NLP keyword extraction, media bias scoring, and content visualization; optimized PostgreSQL queries and caching.
- Deployed via Cloud Run with GitHub Actions CI/CD, achieving 90+ Lighthouse accessibility and SEO scores.
- Designed responsive UI in Figma; implemented serverless architecture and scalable backend for 9K+ news sources.

Artwork Metadata API ⬈   *May 2025 - Present*

- Created a production REST API serving structured public-domain art data to real users.
- Implemented secure API key generation with bcrypt, domain-restricted CORS, and validation via Zod schemas.
- Managed automated CI/CD pipelines with GitHub Actions and Cloud Run for serverless deployment.
- Built testing suite using Vitest and Supertest; stored 1K+ artworks in PostgreSQL and Cloud Storage.

Education

San Diego Mesa College – A.S. in Web Development   **Completed**
Relevant Coursework: Web Development, Advanced JavaScript (React, Next.js), Database Management, Cloud Computing (GCP, AWS), Accessibility, SEO

San Diego City College – A.S. in Interaction Design   **Expected Dec 2026**
Relevant Coursework: UX/UI Design, Design Systems, Human-Centered Design, Typography, Branding

Western Governors University – Coursework toward B.S. in Software Engineering
Relevant Coursework: Software Engineering (SDLC, Testing, CI/CD), Advanced Database Management, Linux Foundations, Cloud Foundations (AWS)