Felipe Mellado Bórquez

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Summary

Software engineer with two years of experience building web products end to end, from backend and cloud infrastructure to the interface, focused on applications built on language models. Has led projects for international clients from requirements to production.

Experience

Unholster Santiago, Chile

Software Engineer *Mar 2025 – Present*

AI-assisted website builder — *international technology client*

- One of 8 engineers on the team that took the product from first prototype to more than 100 projects in production in 12 months.
- Built the pipeline that publishes generated sites to the client's content platform over MCP, making publishing about 5 times faster.
- Designed the visual editor and the natural-language editing assistant; led the reliability audit and the migration of all projects.

Operations audit assistant — *international services client*

- Led the project end to end, from gathering needs with the client to each release.
- Built a browser extension and Django service that audit financial batches through more than 120 automated checks.
- Made the heaviest reconciliation about 8 times faster and set up production monitoring and alerting.

Election platforms — *DecideChile, DecideBrasil*

- Built the interactive maps, search and embeddable views of the live results site for Chile's 2025 presidential election.
- Built the live vote-count service for Brazil's 2026 runoff and made the national map render 14 times faster.

Internal platform and security

- Created the company's standard web application template, now the starting point for new projects.
- Added backups, access controls and security alerting to a production content platform.
- Led a technical-debt initiative with the 2026 intern cohort; regular code reviewer across 10 projects.

Unholster Santiago, Chile

Software Engineering Intern *Jan 2025 – Feb 2025*

- Built automated Python pipelines that collect and structure public records into an entity graph used for compliance screening.
- Delivered a serverless query service (AWS Lambda, Terraform) and made the pipelines resilient to partial failures.

iSentinel Santiago, Chile

Cybersecurity Intern *Jan 2023 – Feb 2023*

- Developed a security protocol with the human resources team, ran security tests and trained staff on the risks found.
- Built an interactive self-assessment tool that let client companies diagnose their security posture.

Projects

Legal Ward | *Platanus Hack 25 · Django, LangGraph, OpenAI, pgvector, React* Nov 2025

- Built in a team of four, over a weekend hackathon, an AI system that checks a document against bills in the Chilean Congress to flag conflicts.
- Responsible for the application foundation: project structure, authentication, document service and cloud deployment.

Education

University of Chile Santiago, Chile

Computer Science Engineering, six-year professional degree (graduated Sep 2026) *2020 – 2026*

Previously completed the university's Academic Bachelor's Program (2018 – 2019).

Technical Skills

Languages: Python, TypeScript, JavaScript, SQL, HCL

Backend: Django, Django REST Framework, Django Ninja, Celery, Channels (WebSockets), GraphQL, PostgreSQL, Redis

Frontend: React, Next.js, TanStack Query/Router, Tailwind CSS, D3.js, browser extensions

AI: LangGraph, LangChain, OpenAI API, Claude agents, Model Context Protocol (MCP), pgvector

Cloud and DevOps: AWS (ECS Fargate, Lambda, S3, RDS, CloudWatch), Terraform, Docker, GitHub Actions, Sentry

Spoken languages: Spanish (native), English (B2, TOEFL iBT)