

# Oscar Marín

Full Stack Engineer

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## PROFILE

Full Stack Engineer with 4+ years of experience building production software. Specialized in backend systems, cloud infrastructure on AWS, and real-world integrations. Currently at DailyBot — a global SaaS platform — contributing across Django backend, Vue 3 frontend, and AWS Lambda serverless bot layer. Top-15 contributor across 3 core repositories (~1,200+ commits). Experienced with conversational AI agents, OAuth2 integration resilience, multi-platform bot development, and performance optimization under real production load.

## EXPERIENCE

### DailyBot

November 2024 – Present

Full Stack Developer

- Designed and implemented an async conversational AI agent with tool-calling, MCP integration, and anti-hallucination guards (OpenAI GPT-4o, Claude, LangGraph).
- Built complete OAuth2 refresh flow for Linear, webhook deduplication for Jira, soft-disable on token failure, and three-state connection detection — across backend, frontend, and bot layer.
- Resolved a Redis OOM production incident by enforcing explicit TTLs and version-stamp cache invalidation; fixed O(n<sup>2</sup>) webhook cleanup bottleneck.
- Implemented native Discord modal V2 components, MS Teams Adaptive Cards, and end-to-end kudos cards across 6 chat platforms (Slack, Teams, Discord, Google Chat, Telegram, Alexa) in EN/ES/PT.
- Eliminated N+1 queries in integration serializers, added DB indexes for leaderboard and timeline endpoints, and batched Celery task queries.

Python · Django · Celery · Vue 3 · TypeScript · AWS Lambda · DynamoDB · OpenAI · MCP · LangGraph · Redis · PostgreSQL

### OffBeat.Lab

October 2023 – November 2024

Full Stack Developer

- Built custom Liquid components and Shopify API integrations for clients including Rubyrose, Café Quindío, and Media Maratón Quindío — going beyond templates by working directly with the base theme.
- Extended storefronts with Node.js services and automated business workflows using Make (formerly Integromat).
- Led a full-code project built on Angular, Directus CMS, and Azure — the team's first non-Shopify engagement.

Shopify · Liquid · Node.js · Angular · Directus · Azure · Make

### Heinsohn Business Technology

July 2022 – October 2023

Programmer

- Managed version control for an enterprise software team working in Delphi on a legacy Visual SourceSafe system.
- Migrated the entire codebase to GitLab and trained the full team on Git workflows — modernizing the development process from the ground up.

Git · GitLab · Version Control

## TECHNICAL SKILLS

### Languages

TypeScript · JavaScript · Python · Liquid

### Backend

Node.js · Django · Django REST Framework · Celery

### Frontend

Vue 3 · React · Next.js · Angular

### Cloud & Infra

AWS Lambda · EC2 · S3 · RDS · DynamoDB · CloudWatch

### DevOps

GitHub Actions · AWS CodePipeline · Docker · CI/CD

### AI

OpenAI GPT-4o · Anthropic Claude · LangGraph · MCP

### Databases

PostgreSQL · MySQL · MongoDB · Redis

## Tools

Shopify · Jira · Linear · Directus · Azure · Make · Postman · Figma

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## EDUCATION

### Universidad del Quindío

2023 – Present

B.Eng. Systems and Computer Engineering (in progress)

### SENA

2022

Technologist in Software Analysis and Development

### SENA

2020

Technical Certificate in Software Programming