

Michel-Daniel Cojocaru

Fullstack engineer and certified software architect with 8+ years shipping production systems across ev-charging, fintech, crypto, and ad-tech. AI-augmented practitioner using Claude Code with custom skills and multi-agent orchestration to accelerate delivery. First author on 2 IEEE papers on microservice decomposition. Sole builder of an award-winning crypto research platform (Paris Blockchain Week 2026). See more at michelcojocaru.com

TECH STACK

Languages: TypeScript, Kotlin, .NET, Python, Go, C#

Frontend: Next.js, React, Angular

Backend: Spring Boot, Node.js, .NET

Cloud/Infra: AWS (ECS Fargate, RDS, CloudFront, S3, ElastiCache, Secrets Manager), Terraform, Kubernetes, Docker

Architecture:DDD, Microservices, Event-driven, Saga patterns, Threat Modeling

Observability: OpenTelemetry, k6

AI-Augmented Development: Claude Code (Opus 4.7, 1M-token context, custom skills), Cursor, multi-agent orchestration with role delegation, MCP servers

Project Management: Jira, Azure Boards, Trello

EXPERIENCE

Eightpoint, Fort Myers, USA (Remote) - Fullstack Engineer II

MAR 2025 - PRESENT (FULL-TIME)

Lead engineer and architect of World Cup Pass, a public-facing PWA (Next.js + Kotlin/Spring Boot) launching July 14, 2026, designed to handle 1M+ users — owning architecture, infrastructure, and delivery end-to-end.

- Web-based paywall system (iOS/Android + web). Built cross-platform payment funnels (PayPal, Apple Pay, Google Pay, SEPA, card) projected to recover ~25% of subscription revenue currently absorbed by Apple's IAP fee.
- CloSR Dashboard reskin. Shipped full UI/UX redesign with dark theme, Microsoft SSO, interactive 3D globe/map, real-time GPS tracking, and route history analytics.
- Mastr AI search engine. Delivered Next.js frontend and supported backend under tight deadlines on an internal AI-powered search product.
- Web 2 App attribution funnel (in flight). Designed end-to-end to restore iOS tracking post-ATT: Singular SDK, SKAdNetwork, click-ID handling, short-code reservation API, and deterministic device matching via IDFV and hardware-pixel fingerprinting.

UpTrade, Sydney, Australia (Remote) — Fullstack Engineer & Product Manager

FEB 2025 - APR 2026 (PART-TIME)

Sole engineer of Alpha, an award-winning crypto research platform (**Best Research Platform 2026, Paris Blockchain Week**). Built the entire product end-to-end: secure authentication, real-time portfolio tracker with P&L analytics, crypto watchlist with TradingView integration, content CMS, real-time community chat, in-app notifications, email system, events calendar, and Aquila AI chatbot integration with portfolio analysis. Collaborated closely with the product owner — translating feature requests into technical PoCs and iterating

CONTACT

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LANGUAGES

English, Romanian

CERTIFICATIONS

Software Architecture —
Skillab, Apr 2026

PUBLICATIONS

“MicroValid: A Validation Framework for Automatically Decomposed Microservices” — First Author [CloudCom 2019](#) — DOI: 10.1109/CloudCom.2019.00023

“Attributes assessing the Quality of Microservices Automatically Decomposed from Monolithic Applications” — First Author [ISPDC 2019](#) — DOI: 10.1109/ISPDC.2019.00021

“Technology, Management and Creativity” — Co-Author Niculescu Publishing House, 2018 — ISBN 978-606-38-0186-0

on solutions.

GreenFlux, Amsterdam, Netherlands — Software Developer

SEP 2018 - JAN 2024 (UNDER NDA)

Led the frontend team for **EvPortal** and contributed across three EV-charging products at one of Europe's largest charge-point management providers. Built APIs and landing page for **ChargeAssist** mobile app; resolved Redis-related bugs and shipped new features in **SmartCharging** — a 1M+ EV charge stations simulator.

Smart-pot.net, Bucharest, Romania — Co-Founder & Developer

DEC 2016 - AUG 2017

Managed a growing team and implemented communication protocols on both the main server as well as the embedded hardware. In addition, I wrote the backend & frontend of our monitor & control web site as well as a friendly landing page for our product.

Vodafone Shared Service, Bucharest, Romania — Software Developer

JUN 2016 - SEP 2016

Implemented multiple choice testing platform for interns with Spring & Hibernate.

Thales, Bucharest, Romania — Software Engineer Intern

JUL 2015 - SEP 2015 (UNDER NDA)

Implemented a communication protocol for high-speed trains.

Makeiturs, Bucharest, Romania — Business Owner

JUN 2014 - JUN 2015

Website design and implementation, public relations, received & processed orders, marketing & advertising, logistics & accountancy.

EDUCATION

Vrije University Amsterdam & University of Amsterdam, Netherlands — Joint Master's Degree, Computer Science

SEP 2017 - SEP 2019

Internet & Web Technology Track, **9.00/10.00**

Politehnica University of Bucharest, Romania — Bachelor's Degree of Engineering, Computer Science

SEP 2013 - JUL 2017

Computer Systems Architecture Track, **10.00/10.00**

National College of Informatics "Tudor Vianu", Bucharest, Romania — High School

SEP 2009 - JUL 2013

Intensive Informatics Track, **9.00/10.00**

AWARDS

Best Research Platform
@ Paris Blockchain Week, 2026 — for Alpha (UpTrade)

First place - Distributed Systems Contest
@ Polytechnic University of Bucharest, 2017 — designed and implemented a fast, fault-tolerant, scalable Grid Scheduler.

Finals - Innovation Labs
@ Bucharest, 2016 — Team Lead of SmartPot; built backend server + embedded firmware for an autonomous plant pot.

Semi-Finals - Warlight AI Challenge 2015 — designed strategy and implemented a bot for a RISK-style strategy game.

SKILLS

Problem Solver.

Time Management.

Project Management.

Teamwork.

Volunteer Experience

Logistic Volunteer - How to Web Conference 2014

Network Infrastructure Volunteer - ACM - International Collegiate Programming Contest 2015