



Robert Floria

Full-Stack Engineer | TypeScript • React / Next.js • Node.js / NestJS • AI-enabled Product Engineering

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[Portfolio](#) • [Linkedin](#) • [Github](#)

Availability: Permanent employment (full-time) • Contract / B2B (full-time, part-time, project-based) • Remote / Hybrid

SUMMARY

- **Full-Stack Engineer (5+ years)** building and shipping production web platforms end-to-end (architecture → delivery → CI/CD → ops). Strong **TypeScript stack: React/Next.js, Node/NestJS, PostgreSQL/Prisma, REST/GraphQL**, with hands-on experience designing modular systems using microservices and reusable frontend architectures. Delivered **cloud-native** workloads on **AWS** using **Lambda, ECS Fargate, S3, RDS, CloudWatch**, and **IaC** with **Terraform, Vercel, Railway**. Delivered measurable improvements (**~40% workflow automation, ~30% faster deployments**) with a production focus on auth, webhooks/idempotency, testing, and observability. Also experienced with **AI-enabled** product development using **LLMs, prompt engineering, OpenAI/Whisper, Claude Code, and GitHub Copilot** to accelerate delivery.

CORE SKILLS

- **PRIMARY:** TypeScript, React, Next.js, Node.js, NestJS, PostgreSQL, Prisma, REST, GraphQL
- **FRONTEND:** React, Next.js, Redux, React Query, Zustand, Tailwind CSS, Testing Library, microfrontends
- **BACKEND:** Node.js, NestJS, Express.js, REST/GraphQL API design, OpenAPI/Swagger, OAuth2/JWT, background jobs, event-driven patterns, microservices architecture, webhooks, idempotency
- **CLOUD / DEVOPS:** AWS (Lambda, ECS Fargate, EC2, S3, RDS, CloudWatch), Docker, Terraform (IaC), CI/CD (GitHub Actions, Jenkins), Vercel, Railway, environment & secrets management, release automation, observability, Sentry, structured logging
- **DATA:** PostgreSQL, MySQL, MongoDB, SQL Server (T-SQL), schema design, query optimization, Prisma ORM
- **AI / AUTOMATION:** OpenAI (LLM + Whisper), prompt engineering, AI workflow integration, Claude Code, GitHub Copilot, transcription pipelines, PII redaction
- **SPECIALTIES:** Stripe payments, Redis/BullMQ, queues, SSE/WebSockets, secure production systems

EXPERIENCE

TRANSILVANIA BANK — CLUJ-NAPOCA, ROMANIA — SOFTWARE DEVELOPER (FULL-TIME) | JUN 2021 – PRESENT

- Owned delivery of features across multiple enterprise **React/Next.js + TypeScript + Node.js/NestJS/Express.js** applications in a regulated environment, from requirements to release and production support.
- Contributed to modular frontend architecture with reusable components and shared UI patterns for forms, tables, and complex domain views, improving consistency and reducing duplicated implementation across applications.
- Worked on backend services in a microservices-based environment, contributing to API integrations, domain workflows, and reliable inter-service functionality.
- Increased release confidence by adding/maintaining automated tests (**Jest + Testing Library**) for critical flows and edge cases, reducing regressions and speeding defect triage.
- Improved **Jenkins/Github Actions CI/CD** pipelines and release automation, cutting deployment time by ~30%.

INDEPENDENT CONTRACTOR (B2B / PFA) — FULL-STACK DELIVERY (PART-TIME) | JUL 2025 – FEB 2026

- Delivered B2B web solutions with clear milestones: requirements → implementation → automated tests → deployment → handover docs.
- Built **Next.js/NestJS** applications with **PostgreSQL/MySQL**, secure auth (**OAuth2/JWT**), and production observability (Sentry + structured logging).

- Designed backend services using modular and **microservices**-oriented patterns where appropriate, with reliable async processing via **Redis/BullMQ**, retries/backoff, and real-time progress updates over **SSE/WebSockets**.
- Reliable integrations using queues (**Redis/BullMQ**), retries/backoff, and real-time progress (**SSE/WebSockets**).
- Cloud delivery: **AWS serverless** deployments and containerized services (**Docker**), with repeatable **CI/CD** releases, **IaC** provisioning and configuration via **Terraform**, environment/secret management, and production monitoring.
- **Stripe** subscriptions/credits + webhooks

DERISQO — FOUNDER (AI SAAS — SIDE PROJECT) | NOV 2025 - FEB 2026

- Built and launched an **AI SaaS** for meeting transcription and contract analysis, incl. **Stripe** billing (subscriptions/credits + webhooks).
- Designed and shipped the end-to-end platform: Next.js frontend + NestJS services/API, deployed on AWS.
- Architected the backend using **microservices-oriented** patterns for transcription, contract analysis, billing, and async processing.
- Provisioned **AWS** infrastructure using **Terraform (IaC)** and automated releases via CI/CD; enabled reproducible environments and safer changes. Implemented serverless workloads on AWS Lambda with CloudWatch.
- Built resilient background processing with **Redis/BullMQ (ElastiCache/MemoryDB)**: retries/backoff, idempotency, and real-time progress via **SSE**.
- Implemented **LLM-based** contract risk analysis (11 clause categories), action items + sentiment signals (**OpenAI GPT-4o**). **Whisper transcription** with automated PII redaction.
- Security: **Google OAuth**, **JWT/cookie** auth, rate limiting, validation, secure webhooks.
- Tech: **Next.js**, **React**, **NestJS**, **TypeScript**, **PostgreSQL/Prisma**, **Redis**, **BullMQ**, **AWS (Lambda, CloudWatch, ElastiCache/MemoryDB)**, **Terraform**, **Docker**, **CI/CD**, **Sentry**, **Stripe**, **OpenAI/Whisper**, **FFmpeg**
- Status: Live in production; maintained on a part-time basis: <https://derisqo.rbx-soft.tech/>

TRANSILVANIA BANK — SOFTWARE DEVELOPER INTERN | APR 2021 - JUN 2021

- Built automated UI tests with Selenium WebDriver + SpecFlow and contributed unit/integration tests in C#.

SELECTED WORK

GUARANTEED LOAN PORTFOLIO MANAGEMENT — TRANSILVANIA BANK | AUG 2024 - FEB 2026

- Stack: **React**, **TypeScript**, **NestJS**, Jest, Jenkins; microservices architecture.
- Contributed to an enterprise platform for managing guaranteed loan portfolios backed by EU programs and internal funds, delivered in a regulated production environment.
- Built and maintained a modular, role-oriented UI with clear domain separation (EU Funds, Internal Funds, Collections & Payments, Administration), enabling users to navigate and operate across multiple portfolio categories.
- Implemented workflow automation for origination and repayment tracking, reducing manual workload by ~40%.

EDUCATION

TECHNICAL UNIVERSITY OF CLUJ-NAPOCA — FACULTY OF AUTOMATION AND COMPUTER SCIENCE | 2018 - 2022

- B.Sc. in Computer Science

CERTIFICATIONS

META REACT NATIVE SPECIALIZATION (COURSERA) | APR 2024 - AUG 2024

- Credential: [Certification Proof](#)

LANGUAGES

- English (professional) — Romanian (native)