



## Robert Floria

- Full-Stack Engineer | React • Next.js • Node.js • NestJS • TypeScript • AI Integration

### DETAILS

- Cluj-Napoca, Romania | +40 745 174 991 | [robert.floria@rbx-soft.tech](mailto:robert.floria@rbx-soft.tech)
- Portfolio: [Portfolio](#)
- LinkedIn: [Linkedin](#)
- GitHub: [Github](#)
- Availability: B2B (PFA) or Full-time (CIM) | Remote / Hybrid

### SUMMARY

- Full-stack engineer (5 years) delivering production web apps end-to-end: discovery → architecture → implementation → deployment → maintenance.
- Strong in React/Next.js frontends and Node.js/NestJS backends (TypeScript), with proven delivery in regulated enterprise environments and SaaS product work.
- Business-focused execution: shipped workflow automation that reduced manual effort (~40%) and improved release speed (~30%) via CI/CD automation.
- Production-focused: secure auth, reliable webhook processing, and observability (Sentry/structured logging) for maintainable systems.
- Special focus areas for B2B: payments (Stripe subscriptions/credits, Apple/Google Pay), AI features (LLM + transcription), and scalable API & database design.

### CORE SKILLS

- Frontend: React 19, Next.js 16, TypeScript, TanStack Query, Zustand, Tailwind CSS, Zod, Framer Motion, Radix UI primitives, accessible UI patterns, component libraries
- Backend: Node.js, NestJS, Express, ASP.NET Core, REST & GraphQL API design, Swagger/OpenAPI, Prisma, Zod, modular architecture
- Data: PostgreSQL, MongoDB, MySQL, SQL Server (T-SQL), schema design, query optimization
- Real-time/Queues: Redis (BullMQ broker), BullMQ (background jobs, retries/backoff), WebSockets, Server-Sent Events (SSE), rate limiting patterns

- Security: OAuth2 (Google), JWT & HttpOnly cookie auth, OWASP Top 10 mitigations (CSRF/XSS/CSP), Helmet, rate limiting (@nestjs/throttler), secure webhooks (signature verification, idempotency), disposable email blocking, audit logging, secrets management
- Observability: Sentry (error tracking), structured logging, alerting/monitoring
- AI/LLM: OpenAI API (GPT-4o, Whisper-1), structured JSON outputs, prompt engineering, PII redaction (regex + SHA-256 hashing), audio compression (FFmpeg/libopus)
- Payments: Stripe (subscriptions, credit packages, metered usage, webhooks, Checkout Sessions, Billing Portal)
- Quality: Vitest, Jest, Testing Library, happy-dom, integration testing, CI quality gates (lint + type-check + test)
- DevOps: Docker, GitHub Actions, Jenkins, monorepo tooling (Turborepo), Husky + lint-staged, pnpm, Git, Jira/Confluence
- Cloud/Hosting: Railway, Vercel, Firebase Hosting, AWS S3
- Mobile: React Native (Expo)

## EXPERIENCE

### DERISQO — FOUNDER & FULL-STACK ENGINEER | OCT 2025 – PRESENT

- Built and launched an AI-powered SaaS for meeting transcription and contract analysis (public beta), including Stripe billing and credit-based usage.
- Designed a production-ready monorepo and deployed end-to-end (Next.js 16, NestJS 11, PostgreSQL/Prisma) with Docker + CI/CD (GitHub Actions) on Railway.
- Implemented contract risk analysis (11 clause categories), sentiment signals, and action-item extraction using OpenAI GPT-4o (validated in internal testing).
- Added production observability with Sentry (errors + performance), structured logs, and actionable alerts to reduce time-to-diagnose incidents.
- Implemented secure authentication/authorization (JWT/cookie-based auth, Google OAuth, beta access control) and hardened APIs with rate limiting, validation, and secure webhook handling (idempotency).
- Redis-backed BullMQ for background job processing (email delivery, meeting transcription pipeline, document analysis), with Server-Sent Events for real-time progress updates
- Delivered Whisper-based transcription supporting common audio/video formats and automatic PII redaction to support GDPR-friendly workflows.
- Implemented subscription tiers, metered usage, and webhook-driven billing flows with Stripe; added operational tooling for reliable processing and retries.
- Tech: Next.js 16, React 19, NestJS 11, TypeScript, TanStack Query, Zustand, Zod, Prisma, PostgreSQL, Redis, BullMQ, OpenAI API, FFmpeg, Stripe, Sentry, Docker, GitHub Actions, Railway
- Live: <https://derisqo.rbx-soft.tech/>

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TRANSILVANIA BANK — CLUJ-NAPOCA, ROMANIA — SOFTWARE DEVELOPER | SEP 2022 – PRESENT

- Led frontend delivery across multiple React (TypeScript) applications: reusable components, consistent patterns, and maintainable UI architecture.
- Improved Jenkins CI/CD pipelines and release automation, reducing deployment time by ~30% through pipeline optimization and automation.
- Contributed to backend services (ASP.NET Core, Node.js) using SOLID principles and clean architecture in a regulated enterprise environment.
- Delivered production features end-to-end with cross-functional collaboration (dev/QA) and documented work in Jira/Confluence.
- Selected as AI Coach for internal workshops (Code Crafters partnership): prompt engineering, GitHub Copilot adoption, and AI-assisted development (3 sessions, 40+ developers).

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INDEPENDENT CONTRACTOR (B2B / PFA) — FULL-STACK DELIVERY | JUL 2025 – PRESENT

- Building and shipping B2B web/mobile solutions with a focus on fast, production-ready delivery and clear milestones.
- Core services
  - MVP / Feature Delivery: Next.js/React frontend + NestJS/Node backend, REST APIs, PostgreSQL/MySQL, admin dashboards
  - AI Features: LLM workflows (analysis, extraction, summarization), transcription (Whisper), PII redaction, structured outputs
  - Security & Hardening: OAuth2/OIDC, RBAC, OWASP Top 10 basics, rate limiting, secure Stripe webhook processing (idempotency), audit logs
  - Observability: Sentry integration, structured logging, dashboards/alerts, post-launch monitoring & incident triage
  - Scalability: Redis caching, background jobs/queues (BullMQ), retries/backoff, idempotent processing for integrations
  - Real-time features: Server-Sent Events for processing progress
  - Shared component libraries (Radix UI, design tokens, CVA)
  - Payments & Monetization: Stripe subscriptions/credits, webhook flows, Apple/Google Pay, IAP integration
  - DevOps & Release Automation: Docker, CI/CD (GitHub Actions/Jenkins), deployment workflows (Railway/Vercel), environment & secret management
  - APIs: REST + GraphQL API design, Swagger/OpenAPI documentation
- Engagement models
  - Fixed-scope milestones (1–4 weeks) • Monthly retainer (part-time) • Hourly consulting (architecture/reviews)
  - Typical deliverables: requirements → implementation → automated tests → deployment → handover docs

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TRANSILVANIA BANK — SOFTWARE DEVELOPER INTERN | JUN 2021 – JUL 2021

- Built automated UI tests with Selenium WebDriver + SpecFlow and contributed unit/integration tests in C# (.NET) to improve reliability.

## SELECTED WORK

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

- Stack: React, TypeScript, Jest, Jenkins; microservices architecture
- Contributed to a microservices-based platform for managing secured loans in a regulated production environment.
- Implemented workflow automation for origination and repayment tracking, reducing manual workload by ~40% (team-reported).
- Maintained and improved CI/CD pipelines in Jenkins to enable faster and more reliable deployments.

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RESPONSIVE BANKING PLATFORM (INTERNAL / ENTERPRISE) | SEP 2023 – AUG 2024

- Stack: React, JavaScript, Node.js, Express, Jest, Testing Library
- Built a responsive web platform for negotiation flows, card management, and campaign/product views optimized for mobile and desktop.
- Implemented complex UI state handling for negotiation interfaces with expandable detail views and predictable user interactions.
- Developed card management flows (add/manage) and integrated backend endpoints using Node.js/Express.
- Increased confidence and reduced regressions by adding automated test coverage with Jest + Testing Library.

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SHAREHOLDER MANAGEMENT & VOTING PLATFORM — TRANSILVANIA BANK | FEB 2023 – SEP 2023

- Enterprise platform for shareholder registry management and secure electronic voting for general assemblies (AGA).
- Implemented registry workflows: document management, ownership tracking, and compliance reporting in a regulated environment.
- Supported secure voting flows and ensured alignment with Romanian financial/regulatory requirements for shareholder meetings.
- Stack: React, TypeScript, Jest, .NET

## EDUCATION

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

- B.Sc. in Computer Science (Software Engineering) — Thesis: Web application for data visualization (React.js, Node/Express, D3.js).

## CERTIFICATIONS

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

- Credential: [Certification Proof](#)

## LANGUAGES

- English (professional)
- Romanian (native)