



Cristian Dragusin

Full-Stack Engineer · React · Node · AWS | Open to Remote Contract

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React/Node Full-Stack engineer with 4+ years building digital products across e-learning, enterprise SaaS, and AI-powered automation. Ships end-to-end, from frontend and backend to AWS infrastructure, with a focus on features that ship reliably and scale with the product. Recent work includes **products serving 10,000+ users, ~10% CI/CD cost reductions, and a solo-built SaaS taken from zero to production.**

Available for remote contract work. Former competitive squash player (ranked #2 nationally in Romania), brings the same consistency-over-talent mindset to engineering.

TECHNICAL SKILLS

Frontend: React, Next.js, React Native, Redux Toolkit, Tailwind CSS, Shadcn, Styled Components, Storybook, HTML5, CSS3/SCSS, Chrome Extensions

Backend: Nest.js, Node.js, tRPC, NextAuth, REST APIs, MongoDB/Mongoose, Stripe Integration

Cloud & Infra: AWS (ECS, Fargate, Lambda, API Gateway, EventBridge, DynamoDB, S3, CloudWatch, KMS, IAM, CDK, OpenSearch, SST), Firebase, Bitbucket Pipelines

WORK EXPERIENCE

Full-Stack Developer **E-LEARNING** Sep 2023 - June 2026 Arnia Software · Full-time · Bucharest, Romania

Client: leading German e-learning platform (50k+ active users) owned by one of Germany's largest media companies.

- **Reduced development costs by 10%** by integrating local Bitbucket pipeline runners, saving the team tens of billable hours per month on complex CI/CD pipelines.
- Built interactive learning modules end-to-end: find-pairs cards, drag-and-drop exercises, progress graphs, owning both backend services (S3, DynamoDB) and new API endpoints for each feature. Drove measurable uplift in user engagement (tracked via CloudWatch) and improved app store and in-app ratings.
- Delivered a consistent, high-quality experience across web, Android, and iOS by handling API caching, complex state management, and animations while adhering to the design system.

Full-Stack Developer **CONTENT AUTOMATION · AI** Aug 2023 - Jun 2024 · Personal project

TopVoice is a LinkedIn content automation platform I designed, built, and shipped entirely on my own, from idea to production, serving real users. Live at topvoice.site and Github github.com/Dragusin-Cristian/topvoice

- Built an entire SaaS product that automates the entire LinkedIn content workflow: starting from brainstorming ideas to generating posts, to scheduling and publishing via the LinkedIn API. **Reduced content creation time by 90%** compared to manual prompting with ChatGPT.
- Acquired early adopters who used the platform daily for end-to-end LinkedIn content creation, from brainstorm to scheduled post.
- Took architecture decisions, backend infrastructure (AWS Lambda, API Gateway, EventBridge, CDK), frontend (Next.js, tRPC), payment integration (Stripe), AI pipeline (OpenAI GPT-4o with a custom rewriting layer), and a Chrome extension for in-feed engagement.

Full-Stack Developer **VIDEO EDITING · AI** Personal project

Caption Studio is an automatic video subtitling platform I designed, built, and shipped entirely on my own, from idea to production. Live at caption-studio.site and Github github.com/Dragusin-Cristian/caption-studio.

- Built a product that takes a video, transcribes it, and lets users edit, style, and burn captions in the browser. Engineered a parallel serverless pipeline that splits audio into segments transcribed concurrently across Lambda workers, **cutting processing time by ~10x compared to sequential transcription**.
- Handled every aspect myself: architecture, backend (AWS Lambda, S3, DynamoDB, CloudFront, CDK), frontend (React, TypeScript, Vite), the AI transcription pipeline (Whisper.cpp with quantized models, English and multilingual support), and media processing (FFmpeg for audio extraction and styled caption burning)

Frontend Developer **ENTERPRISE RPA** Aug 2022 - Aug 2023 Micro Focus / OpenText · Full-time · Cluj, Romania

Product: Operations Orchestration “Designer”, an enterprise workflow orchestration platform used by **global clients** including Volkswagen, Alten, Munich Re, and British American Tobacco.

- Built the JavaScript parser that translates legacy workflow definitions (XML) into the new cloud-native format (YAML), **a critical migration tool used by every client** transitioning from the old licensed desktop product to the new multi-tenant SaaS platform on AWS.
- Developed and tested UI components via Storybook, contributing to a shared component library that ensured visual consistency across multiple product surfaces.
- Drove API integrations between frontend and backend, improving data flow and responsiveness in the Designer's drag-and-drop workflow builder, directly reducing support escalations from clients.

Software Tester **BANKING** Feb 2022 - Jul 2022 BRD - Groupe Societe Generale · Internship · Bucharest, Romania

Applied enterprise-grade QA processes, test planning, test case design, and defect tracking within BRD, one of Romania's largest banks.

Web Developer **MARKETING EVENTS** Jun 2021 - Nov 2021 Robe.ro · Freelance · Bucharest, Romania

Client: Robe.ro, the leading school events company in southern Romania (graduation parties, photoshoots, robes, photobooks). They had no web presence beyond a Facebook page.

- **Identified the opportunity myself**, noticed my school's events supplier had no website, designed a full marketing site on my own initiative, and sent it to them cold. They loved it and hired me on the spot.
- Built a conversion-focused website from scratch, designing the visual identity, writing the copy, and implementing quick-access CTAs (click-to-call, WhatsApp, downloadable PDF offer) that directly generated more inbound calls and client inquiries.
- **Increased conversion rate by 20%** after adding a testimonials and social proof section. **Reduced bounce rate from 30% to 20%** through modular page restructuring

EDUCATION

Bachelor's in Economic Informatics Sept 2021 - Jun 2024 · Academia de Studii Economice din Bucuresti (Bucharest University of Economics)

Focus: OOP, Data Structures, Web Development, Economics.

VOLUNTEERING

TECH Department Team Member Nov 2021 - Jun 2023 Microsoft Learn Student Ambassadors Romania ASE

Mentored peers on web development and real-world tooling as part of the Microsoft Learn Student Ambassador programme at ASE Bucharest.