Mirel George Nan

Senior Frontend Engineer · Spec-Driven Delivery with AI Agents

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PROFESSIONAL SUMMARY

Frontend engineer with 15+ years of experience building and scaling production web applications, working fully remote since 2020. Specialised in large Angular and React codebases, covering feature delivery, framework migrations and design-system work. Most recently worked on a video platform dashboard used by publishers to manage content, analytics and AI-driven media transformation. In 2026 joined the first team in the company to adopt spec-driven development with Claude AI.

WORK EXPERIENCE

Senior Frontend Engineer (Angular, React)

JWP Connatix – Contract, Remote

March 2023 – October 2026

- Designed and built features for the JWX Dashboard (dashboard.jwplayer.com), used by publishers to manage video content, analytics and billing.
- Led the frontend build-out of a new AI media-transformation product, delivered incrementally behind feature flags and released without disrupting the flow it replaced.
- Owned the metering and billing surface end to end, including consumption reporting, contract-period tracking and invoice access.
- Extracted the shared frontend foundation (theming, UI component kit, GraphQL layer and shared business rules) out of a monolithic multi-app workspace into versioned libraries, then integrated them across the platform applications, removing duplicated UI code and giving the teams a single source for shared UI.
- Built and owned the CI/CD pipeline that releases the shared libraries: a staged build respecting the dependency order between them, reusable job templates for test, build and publish, and authenticated publishing of versioned packages to the private registry.
- Drove framework modernisation on a legacy multi-app Angular workspace: Angular 18 and Apollo GraphQL upgrades, plus the dependency-vulnerability and static-analysis backlog.
- Delivered 2026 feature work through a spec-driven workflow with Claude AI: wrote the executable specification, drove implementation through the agent, and owned review, verification and release of the result.
- Helped define how specifications were structured and reviewed so the approach could be handed to other teams.

Technologies: Angular, TypeScript, React.js, Spec-Driven Development, Claude Code, AI-Driven Development, GraphQL, Apollo GraphQL

Frontend Engineer (Angular)

Sware – Contract, Remote

September 2020 – February 2023

- Built web applications in Angular 12+ with Angular Material and Syncfusion component libraries.
- Implemented reactive state management with NgRx and NGXS, reusable component libraries and responsive layouts.

Technologies: Angular, TypeScript, GraphQL, JavaScript, RxJS, NgRx, NGXS, Zod

Full Stack Developer (Node.js, Angular)

CN Group CZ s.r.o. (now Ciklum) – Full-time, Bucharest, Romania (Hybrid)

December 2017 – August 2020

- Built web applications with JavaScript, Node.js (Express.js) and Angular 2+.
- Developed real-time features over Socket.io and WebSockets, designed REST APIs and implemented Redis caching.

Technologies: Angular, TypeScript, JavaScript, Angular Material, Node.js, Express.js, REST APIs, MongoDB

Full Stack Developer (Node.js, React, Angular)

Softelligence Romania – Full-time, Bucharest, Romania (Hybrid)

July 2016 – December 2017

- Built applications with JavaScript, Node.js (Express.js, Kraken.js) and React with Redux.
- Integrated payments with Stripe.js and wrote end-to-end test suites with Nightwatch.js and Selenium.

Technologies: Angular, React.js, JavaScript, Redux, Node.js, Express.js, Selenium, Stripe.js

Full Stack Developer (Node.js, React)

Ringier AG – Full-time, Bucharest, Romania (On-site)

January 2016 – July 2016

- Developed web applications with Node.js (Express.js, Socket.io), React (Flux, Redux) and PHP (Laravel).
- Built real-time applications over WebSockets, used Redis as a data-structure server and integrated REST/JSON services.

Technologies: React.js, JavaScript, Redux, Node.js, Express.js, MySQL, Redis, WebSockets

Full Stack Developer (PHP, jQuery)

INCOROM – Full-time, Ploiesti, Romania (On-site)

May 2014 – December 2015

- Developed web applications with PHP (Laravel), JavaScript and AJAX.
- Created and maintained MySQL and PostgreSQL databases; integrated JSON/XML web services.

Technologies: JavaScript, REST APIs, MySQL, Bootstrap, Laravel, PHP, jQuery, AJAX

Frontend Developer (jQuery)

Geo Blue Label – Full-time, Ploiesti, Romania (On-site)

March 2011 – May 2014

- Developed and designed websites using HTML, CSS and JavaScript (jQuery), including PSD-to-HTML conversion.

Technologies: JavaScript, CSS, jQuery, AJAX, HTML

Web Designer

Freelance – Romania

October 2009 – February 2011

- Designed and developed websites using HTML4, XHTML and CSS2.

Technologies: CSS, HTML

CORE COMPETENCIES

Front-End Development, Web Development, Software Development, Agile Web Development, Code Review

TECHNICAL SKILLS

Frontend: Angular, TypeScript, React.js, JavaScript, RxJS, NgRx, NGXS, Preact, TanStack Query, Zod, Redux, SASS, HTML5, CSS3, CSS, Single Page Applications, Responsive Web Design, AngularJS, Flux, jQuery, ES6, HTML, JSX

UI libraries: Angular Material, PrimeNG, Syncfusion, Bootstrap, Material-UI

Backend and data: GraphQL, Apollo GraphQL, Node.js, Express.js, NestJS, REST APIs, MongoDB, MySQL, PostgreSQL, Redis, WebSockets, Socket.io, Stripe.js, Kraken, Laravel, PHP, AJAX, Apollo, REST

Testing and tooling: Continuous Integration and Continuous Delivery (CI/CD), Vite, Vitest, Jest, Git, GitLab, JIRA, E2E, Selenium, Nightwatch.js, Bitbucket, Google Tag Manager

Cloud: Amazon Web Services (AWS)

AI-assisted development: Spec-Driven Development, Claude Code, AI-Driven Development, Spec-Driven Software Development

Practices: Scrum, OOP

EDUCATION

Bachelor’s Degree in Finance and Banking

Petroleum-Gas University of Ploiesti (UPG), Ploiesti, Romania

2006 – 2009

LANGUAGES

Romanian: Native speaker

English: Professional working proficiency (CEFR C1)

INTERESTS

Full-stack technologies, reading, chess, football