Dumitru Cojuhari

Senior Front-End Engineer

Berlin, Germany

Senior Front-End Engineer with 14+ years of experience building scalable web applications using React, Angular, Next.js, TypeScript, and Node.js. Proven track record in leading frontend migrations, implementing test automation (Playwright, Cypress, Jest), and improving application performance. Experienced in Agile/Scrum environments with strong skills in mentoring, code reviews, and cross-functional collaboration. Advocate for AI-assisted development workflows and accessibility compliance.

Core Competencies

- Builds and maintains scalable React, Next.js, and Angular applications with Node.js backends
- Integrates AI-powered development tools for enhanced productivity
- Implements comprehensive test automation using Playwright, Cypress, and Jest
- Delivers clean, maintainable code with continuous delivery practices
- Collaborates effectively across cross-functional teams with strong problem-solving skills
- Mentors team members and conducts technical interviews

Technical Skills

Core Technologies

TypeScript, JavaScript (ES6+), React, Angular, Node.js, Redux, Express.js, Next.js

Testing & Quality Assurance

Playwright, Cypress, Jest, Jasmine, Mocha, TestCafe, Visual Regression Testing, TDD, BDD, Unit Testing, Integration Testing, E2E Testing

API Development & Integration

REST APIs, GraphQL, Apollo Client, OpenAPI/Swagger, BFF Architecture

DevOps & Cloud Engineering

Docker, CI/CD Pipelines, Microsoft Azure, AWS (S3, Lambda), Microservices Architecture, Serverless, GitHub Actions

Front-End Technologies

HTML5, CSS3, SCSS/SASS, PostCSS, CSS Modules, Styled Components, Tailwind CSS, Webpack, Vite, Bootstrap

Agile & Project Management

Scrum, Kanban, Sprint Planning, Retrospectives, Backlog Grooming, Story Estimation, JIRA, Confluence

Performance & Optimization

Web Performance Optimization, Core Web Vitals, PWA, SPA, SSR, SEO, A/B Testing, Lighthouse, Accessibility (WCAG 2.1)

Design & UI/UX

Figma, Sketch, Adobe Photoshop, Adobe Illustrator, Responsive Design, Mobile-First Design, UI/UX Best Practices

Version Control & Collaboration

Git, GitHub, GitLab, BitBucket, Code Reviews, Pull Request Workflows

Team Leadership

Technical Mentorship, Team Building, Performance Reviews, Cross-Team Collaboration, Technical Interviews, Onboarding Programs

Additional Technologies

Alpine.js, Lit, RxJS, PostgreSQL, MongoDB, Auth0, OAuth 2.0, Handlebars, Pug

Professional Experience

Mar 2022 - Present (4+ years)

Company: SmartRecruiters GmbH, Berlin

Position: Senior Front-End Developer

Key Projects:

smartr.me ↗ - Job Search Organizer and Application Tracking Platform

Overview: A platform that recommends jobs based on user profiles, preferences, and past applications, serving 500K+ active users.

Tech Stack: React, Angular, TypeScript, JavaScript, SCSS, Webpack, Express, Node.js, Cypress

Key Achievements:

1. Integrated OneTrust GDPR compliance framework, ensuring data protection for 500K+ users across EU markets.
2. Implemented "CompanyMatch" feature enabling users to find companies aligned with their values, increasing user engagement by 20%.
3. Developed "Required Skills Search" feature for job positions, improving job-candidate matching accuracy.
4. Standardized codebases by integrating company-wide ESLint and Prettier configurations across 5+ repositories.
5. Created Cypress E2E test suites achieving 80% coverage for core user flows.

smartrecruiters.com ↗ - Enterprise Applicant Tracking System and Job Distribution Platform

Overview: A platform enabling job offer distribution to 200+ job boards and social networks, integrated with SmartRecruiters ATS.

Tech Stack: Angular 14+, TypeScript, Node.js, OpenAPI, BFF Architecture, Pug, SCSS, Webpack, Lit, Playwright, Jest, Jasmine

Key Achievements:

1. Led integration of job distribution platform with VONQ API, expanding reach to 100+ additional job boards.
2. Architected and executed AngularJS to Angular 14+ migration across 50+ components, improving load time by 40%.
3. Developed internal Node.js tooling, reducing developer onboarding time by 30%.
4. Integrated HirePort Agency Portal, enabling seamless agency collaboration.
5. Achieved 85% E2E test coverage with Playwright, reducing production bugs by 60%.
6. Created comprehensive onboarding documentation and learning materials for 10+ new team members.

7. Conducted 20+ technical interviews and mentored junior developers.
8. Improved accessibility compliance to WCAG 2.1 AA standards for legacy applications.
9. Developed 15+ reusable UI components for the shared component library.

Jan 2018 - Feb 2022 (4 years)

Company: Akelius Management GmbH, Berlin

Position: Full-Stack JavaScript Developer

Key Projects:

akelius.de ↗ - Construction and Real Estate Management Application

Overview: A platform for organizing construction processes, managing 100,000+ properties across Europe.

Tech Stack: React, JavaScript, CSS Modules, GraphQL, Apollo Client, PostCSS, Flow, Node.js, TestCafe, Jest, Webpack

Key Achievements:

1. Integrated GraphQL API with Apollo Client, reducing API calls by 40% through efficient data fetching.
2. Developed centralized error handling service, improving error tracking and debugging efficiency.
3. Implemented SVG Sprite system, reducing HTTP requests and improving page load performance.
4. Built cloud-based notes system enabling real-time collaboration between 500+ construction workers and supervisors.

akelius-technology.com ↗ - Personnel Management Automation Platform

Overview: An HR application for staff management and employee onboarding, handling 1,000+ employees across 8 countries.

Tech Stack: TypeScript, React, Express, MS Azure, Jest, SCSS, REST API, Node.js, Webpack, PostgreSQL, Auth0

Key Achievements:

1. Designed and implemented Authorization service with Auth0, securing access for 1,000+ users.
2. Built Translation service supporting 6 languages, enabling global deployment.
3. Created Shared UI Library with 30+ reusable components, accelerating development velocity by 25%.
4. Developed and tested robust REST APIs with 95% test coverage.
5. Optimized application performance, achieving 90+ Lighthouse scores across all metrics.
6. Enhanced responsive design and accessibility, ensuring WCAG compliance across devices.
7. Contributed to system architecture planning and implemented evaluation strategies for technology decisions.

Jun 2017 - Dec 2017 (7 months)

Company: HeavenHR GmbH, Berlin

Position: Senior Front-End Developer

Key Project:

heavenhr.com ↗ - German Human Resource Management SaaS Platform

Overview: SaaS platform for HR management and real-time payroll processing, serving 1,000+ German SMBs.

Tech Stack: JavaScript ES6+, React, Redux, Webpack, Node.js, SCSS

Key Achievements:

1. Implemented Recurring Salary functionality, automating payroll for 10,000+ employees monthly.
2. Developed customizable Salutation Title feature, improving user personalization and UX.
3. Refactored legacy codebase, reducing bundle size by 30% and improving performance.
4. Designed and integrated Email Template system for automated candidate communication.

Jan 2015 - May 2017 (2.5 years)

Company: Leads-Trade SRL

Position: Lead Software Developer

Key Project:

autoo.ru ↗ - Catalog for Auto Mechanics and Repair Services

Overview: A platform connecting car owners with mechanics and repair services, featuring 10,000+ service providers.

Tech Stack: JavaScript, React, CSS3, HTML5, Pug, Webpack, Bootstrap

Key Achievements:

1. Led team of 4 developers, managing sprint planning and resource allocation.
2. Architected front-end infrastructure and established coding standards.
3. Delivered critical features including search, filtering, and booking functionality.
4. Collaborated with stakeholders to align technical solutions with business objectives.

Jan 2013 - Dec 2014 (2 years)

Company: Leads-Trade SRL

Position: Senior Front-End Developer

Key Projects:

cashalot.su ↗ - "Kashalot Finance" Loan Selection Service

Overview: Fintech service providing financial history analysis and credit scoring for loan applications.

Tech Stack: JavaScript, React, Stylus, Pug, jQuery, Gulp, Bootstrap

Key Achievements:

1. Designed and implemented conversion-optimized landing page, achieving 25% increase in loan issuance.
2. Introduced A/B testing framework, improving conversion rates by 15% through data-driven optimization.
3. Built analytics dashboard for tracking key metrics and page performance.

leadia.ru ↗ - B2B Client Acquisition Platform

Overview: Lead generation platform supplying qualified clients to businesses across multiple industries.

Tech Stack: JavaScript, React, CSS3, HTML5, Pug, jQuery, Gulp, Bootstrap

Key Achievements:

1. Developed UI and promotional materials, driving 30% growth in new customer acquisition.
2. Created high-converting landing pages with optimized user flows.
3. Designed advertising materials, enhancing brand visibility and recognition.
4. Built internal tooling to automate development workflows, improving team efficiency.

venyoo.ru ↗ - Website Chatbot and Live Consultant Widget

Overview: Interactive chatbot widget providing real-time consultancy and converting website visitors into leads.

Tech Stack: JavaScript, React, AngularJS, jQuery, Gulp, Bootstrap, Webpack

Key Achievements:

1. Established project architecture using modern JavaScript frameworks.
2. Built reusable component library, reducing development time for new features.

Jan 2010 - Dec 2012 (3 years)

Company: CreativePixel Studio

Position: Front-End Developer & Designer

Key Project:

xplit.ru ↗ - E-commerce Catalog for Premium Ceramic Tiles

Overview: Online marketplace featuring comprehensive catalog for premium ceramic tiles and building materials.

Tech Stack: JavaScript, jQuery, HTML5, CSS3

Key Achievements:

1. Delivered responsive designs for promotional websites, improving mobile conversion by 20%.
2. Implemented SEO optimizations, boosting organic traffic by 35%.
3. Collaborated with marketing teams to align design with campaign objectives.

Education & Certifications

1. ## Master's Degree in Information Technologies in Modelling

   State University of Moldova | 2012 - 2017

2. ## Master's Degree in Economy and Informatics

   State University of Moldova | 2000 - 2004

3. ## Agile Scrum Master Certification

   Chisinau, Moldova | 2016

Contact Information

- **Location**: Berlin, Germany
- **Email**: velomenon@gmail.com
- **GitHub**: github.com/velomenon ↗
- **LinkedIn**: linkedin.com/in/dumitru-cojuhari ↗

Languages

- **English** (EN): Professional Working Proficiency (C1)
- **German** (DE): Elementary Proficiency (A2)
- **French** (FR): Elementary Proficiency (A1)
- **Romanian** (RO): Native/Bilingual Proficiency (C1)
- **Russian** (RU): Native/Bilingual Proficiency (C2)