MARCEL-DUMITRU ILCEA

Senior Full-Stack Developer │ Cloud-Native Microservices │ E-commerce • FinTech
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Summary

Senior Full Stack Developer with over 9 years of experience delivering high-impact software solutions. Adapt in modern web and cloud technologies, with a strong foundation in scalable system architecture, microservices, and agile methodologies. Proven ability to lead cross-functional teams, drive innovation, and deliver performant, secure, and maintainable code across the stack. Passionate about clean code, modern tooling, and continuous learning.

Skills

Languages & Frameworks: JavaScript (ES6+), TypeScript, Node.js (Express, NestJS), PHP (OOP, Laravel), Java (Spring Boot), C#, HTML, SCSS, SQL

Frontend: React.js, Next.js, Vue.js, Angular 14, Redux, Tailwind CSS, Bootstrap, jQuery

Backend & APIs: REST APIs, GraphQL (Apollo), WebSockets, OAuth2, JWT, Session Management, Prisma, TypeORM, Strapi (Headless CMS)

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis, SQL Server

DevOps & Cloud: Docker, Kubernetes, GitHub Actions, GitLab CI/CD, Terraform, Vercel, Netlify, AWS(Lambda)

Experience

Circula
Berlin, Germany - Remote
Senior Software Engineer
11/2021 - 07/2025

- **Optimized AWS Lambda functions**, reducing deployment time from **90s to 30s** and tripling execution speed via dependency pruning and Webpack enhancements.
- **Led microservices migration from a monolith**, cutting deployment cycles by **78%** and enabling independent scaling of mission-critical services.
- **Enhanced CI/CD pipelines**, reducing rollback times from **20 to under 5 minutes** and decreasing release failures by **40%** through automated testing and improved infrastructure.
- **Refactored backend services**, reducing response time from **750ms to 280ms**, cutting infrastructure costs while boosting system reliability.
- **Developed and maintained full-stack apps with React, Node.js, and AWS** — ensuring high availability, security, and scalability.

Seeders
Zwolle, Netherlands
Senior Full-Stack Developer
03/2018 - 10/2021

- **Developed React-based incentive management tools**, reducing customer support inquiries by **25%** through improved UX and faster data retrieval.
- **Redesigned backend APIs to support asynchronous processing and message queues**, cutting rebate claim processing from **12 hours to under 3**.
- **Improved front-end state management via Redux optimization**, boosting dashboard responsiveness by **30%** and reducing redundant API calls.
- **Integrated fraud detection and payment APIs**, cutting reconciliation errors by **60%** and strengthening transaction security.

TIMOCOM
Erkrath, Germany
Software Developer
07/2016 - 02/2018

- **Improved logistics software**, enhancing shipment tracking accuracy and reducing manual entry errors by **30%**.
- **Integrated healthcare claim processing APIs**, cutting validation errors by **20%** while ensuring HIPAA compliance.
- **Optimized backend performance**, reducing response times from **800ms to 350ms** via database indexing and query tuning.
- **Collaborated in agile teams, contributing to sprint planning and code reviews**, resulting in fewer deployment bugs and improved dev velocity.

Education

University of Sibiu - Sibiu, Romania
12/2012 - 06/2016
Bachelor of Science in Computer Engineering │ GPA: **8.4** / 10