Bogdan Mihalca

+40 743 386 554 · mihalcabogdan8@gmail.com

Oradea, Romania

SOFTWARE ENGINEER

Results-driven Frontend Engineer with over 3 years of experience developing responsive, user-centric web applications. Proven track record in implementing complex features using React, TypeScript, and modern frontend technologies. Demonstrated expertise in building scalable solutions and optimizing application performance.

TECHNOLOGIES

Frontend Core: HTML5 (7+ years), JavaScript (7+ years), CSS3/SCSS (7+ years), TypeScript (3+ years), React (3+ years), Next.js (2+ years);

State management & APIs: Redux (3+ years), GraphQL (2+ years), REST APIs (4+ years), Zustand (1+ years)

Frontend Tools & Frameworks: GatsbyJS (2+ years), Mapbox GL (2+ years), Responsive Design (4+ years)

Backend Technologies: Node.js (2+ years), NestJS (1+ year), Golang (4 months), MongoDB (1+ years)

Development Tools: Git/GitHub/Gitlab (6+ years), Webpack (2+ years), Jest/React Testing Library (2+ years)

PROFESSIONAL EXPERIENCE

Lateral Group   **July 2021 - Present**
Software Engineer

- Contributed to a loan-giving platform using micro frontends architecture, developing user application forms and partner landing pages.
- Built and analyzed A/B tests using Optimizely to optimize user flows and improve conversion rates through data-driven UI changes.
- Upgraded the mapping system from Google Maps to Mapbox GL in a waste management SaaS platform, implementing route optimization features.
- Developed components for a headless CMS using React, GatsbyJS, and GraphQL for an academic platform, focusing on accessibility.
- Built features for a leave management system using React, GraphQL, and NestJS, including notification mechanisms.

Lateral Group
React Developer Intern   **April 2021 - June 2021**

- Developed full-stack web applications using React, Redux, and MongoDB
- Mastered React Hooks and state management through hands-on project development

Logiscool România
Trainer   **March 2020 - June 2021**

- Taught programming classes in Scratch and JavaScript to children and teenagers
- Conducted robotics sessions during coding camps

EDUCATION & CERTIFICATIONS

Master's Degree
Majors: Computer/Information Technology Administration and Management
University of Oradea | 2022 - 2024

Bachelor's Degree
Majors: Computer Science
University of Oradea | 2018 - 2022

Certs: Go: The Complete Developer's Guide (Golang), Android Basic Nanodegree by Google, Oracle Database 11g: Program with PL/SQL

EXTRACURRICULAR ACTIVITIES

Active member of the Engineering Students' Association at University of Oradea, where I organized technical company presentations, hackathons, and programming competitions to bridge the gap between students and industry professionals. Additionally, I participated in local tech meetups, contributed to open-source projects, and maintained continuous learning through various technical certifications.