Martina BLAZHESKA

Full-Stack Engineer

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ABOUT ME

I'm passionate about writing clean, efficient code and building engaging web experiences. Committed to growth in this ever-evolving field, I'm constantly working on expanding my skillset. Check out my **portfolio** to find out more!

SKILLS

✦ **Core skills**: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Redux, TailwindCSS, D3.js, Git, RESTful APIs, WebSockets, GraphQL, Node.js, MongoDB, PostgreSQL.

✦ **Experience with**: Strapi, Three.js, Java, Spring.

EDUCATION

Bachelor of Science
Faculty of Mechanical Engineering - Skopje
Energy Engineering
2014-2018

Master of Science
Politecnico di Milano
Energy Engineering
2019-2022

LANGUAGES

Macedonian - native

English - fluent (C1)

German - fluent (C1)

EXPERIENCE

Frontend Developer
AI Law — Jul 2024 - Sep 2024

- Developed multiple frontend features that enable both generative and chatting user interactions with an AI model used for legal matters.
- Collaborated closely with the backend development team to ensure seamless API integration and proper WebSocket handling for real-time features.
- Improvement of the overall responsiveness of the app.
- Developed an interactive onboarding tutorial, improving user adoption and engagement with the platform.
- Tackled various bugs and issues and focused on delivering high-quality, well-optimized front-end code.

Software Engineer Intern
Netcetera — Apr 2024 - Jun 2024

- Worked on the Tech Radar v2 project - an app that displays the company's technology stack on a radar-like UI.
- Worked on building a fully customizable technology radar chart, with full freedom for future modifications
- Developed other UI components to display more details about the technologies.
- Implemented various optimizations of both the radar and the UI components for better overall performance.
- Mapped certain details from the backend to the frontend using Java and Spring.

PROJECTS

Code Playground
Oct 2024 - present

Worked on a full-stack collaborative coding platform. On the frontend, used React, TypeScript, and Vite, while the backend was built with Node.js, Express, and PostgreSQL with Drizzle ORM. Integrated real-time code editing with Socket.IO and Yjs, implemented user authentication using JWT, and connected to Judge0 API for code execution.

Garment Configurator App
Sep 2024 - present

Worked on a full-stack Next.js application that enables users to customize clothing. Styled the interface using NextUI and Tailwind CSS, and utilized GraphQL with Apollo for querying data. Also collaborated on enhancing 3D customization features, which were built using a Three.js integration.

Investments Tracking App
Jan 2024 - Jul 2024

Contributed to the frontend of an investment tracking application. Developed React components, customized charts with MUI Charts, and implemented user registration and authentication features, working closely with a senior software engineer.

GameSwapHub
Sep 2023 - Mar 2024

Developed the frontend for a video game trading platform using React and Chakra UI. Integrated multiple backend API endpoints, built reusable components, and implemented features for user registration, authentication, and interactions across the platform.