Răzvan Balota

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WORK EXPERIENCE

WhiteCity Code   Dec. 2023 – Present
Software Developer   *Alba Iulia. RO*

- Developed full-stack applications with a focus on seamless integration between frontend (Astro, React) and backend (Deno Fresh, Node.js), leveraging containerized environments using Docker for efficient deployment and scalability.

- Led UI/UX improvements across projects, ensuring seamless user experiences while optimizing performance through modern frontend technologies.

- Expanded skill set in both frontend and backend development, focusing on efficient cloud infrastructure deployment with AWS services, automating deployment pipelines, and ensuring high availability.

- Utilized Docker for containerization, streamlining local development, ensuring consistent testing environments, and simplifying deployment across platforms.

- Took full advantage of CI/CD pipelines to automate testing, builds, and deployments, accelerating delivery cycles and maintaining high code quality.

- Utilized Git for version control and collaborated using agile project management tools to ensure rapid development cycles and efficient teamwork.

PROJECTS

- Zebra Clinic
    - Developed Zebra Clinic, a comprehensive travel health platform that generates personalized medical reports, including vaccination schedules, medication prescriptions, and expert advice.

    - Enabled 100% online consultations, allowing travelers to easily receive expert medical advice and prescriptions from the comfort of their own home.

    - Integrated SES for sending automated email notifications to doctors, ensuring seamless communication and prompt responses in the creation of personalized travel health reports.

    - Utilized advanced GraphQL techniques to create a comprehensive, multi-step mutation for managing complex patient data and associated records.

- AI3 - Official Website
    - Developed the official site for AI3, the first IT cluster in Alba Iulia.

    - Built with AstroJS, TailwindCSS, and KeystoneJS to create a high-performance, responsive platform reflecting the community's vision.

    - Contributed to content structuring and optimized SEO for increased site visibility.

- altnet - Digital Solutions

    - Created a versatile website for altnet, offering digital services ranging from e-commerce to software development.

    - Leveraged Deno Fresh, Preact, and TailwindCSS to ensure a sleek and performant interface.

    - Created reusable form components, improving client interactivity and accessibility.

- difffusion - Digital Festival Website

    - Crafted the site for difffusion, a festival celebrating innovation and digital art.

    - Integrated Astro, React, TailwindCSS, and Mapbox GL to create an engaging platform showcasing events and schedules

SKILLS
- ES6, TypeScript, HTML5, CSS3, DOM, Ajax
- React, Preact, Next.js, Astro, Deno Fresh
- Node.js, Express, GraphQL, REST APIs
- AWS (EC2, S3, Lambda, RDS), Docker, CI/CD Pipelines
- Git, Bash, Unix/Linux, Figma

Volunteering

- Mentor CodeDojo Alba Iulia

    - Introduced children to coding and technology through interactive sessions focused on foundational programming skills using Scratch.

    - Encouraged creativity and problem-solving by guiding students through engaging, hands-on projects with Arduino and Raspberry Pi.

    - Developed the website for the dojo, enhancing community presence and providing valuable resources for members.

    - Shared a passion for technology while inspiring and mentoring the next generation of innovators.

EDUCATION
University of Oradea   Sept, 2022
Bachelor's Degree in Foreign Languages   *Oradea, RO*