



ADRIAN-NIKOLA DE RO

Software Engineer

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PROJECTS

Bitpanda GmbH | Backend Engineer + Team Lead

Sep 2023 - May 2024

Developers Resource and Operation System - A centralized developer portal for accessing documents and resources across various developed and used services within the company.

- Helped the team adopt an agile approach and led project management.
- Designed and implemented using the latest technologies of **Java, Micronaut, and PostgreSQL**.

Allianz Technology SE | Backend Engineer + Team Lead

Oct 2022 - Jun 2023

Batch Reporting System - Collects and classifies job and batch data, using ML techniques to identify and analyze anomalous patterns for improved error detection and performance monitoring.

- Implemented **Python** scripts to extract and classify job and batch data from complex systems.
- Designed and built the API and **PostgreSQL** database architecture to store, manage, and expose critical performance metrics and anomaly detection insights.

Kontron AG | Frontend Engineer

Sep 2021 - Jun 2022

Tender Management System - Fetches incoming tenders, displays them in an intuitive interface, and applies predictive analytics to forecast their potential relevance.

- Designed and developed the tender dashboard, providing a rich visual summary of incoming tenders and relevant historical data. Used **TypeScript, Angular, and Figma**.

EXPERIENCE

Bitpanda GmbH | Intern | Fullstack Engineer

Aug 2023

- Contributed to the migration from a monolithic architecture to microservices, developing services using **Laravel** and **PHP**.
- Implemented API endpoints and corresponding frontend integrations using **Vue.js** and **TypeScript**.

dox42 GmbH | Intern | Backend Engineer

Jul 2022

- Engineered and deployed CI/CD pipelines using **Docker** and **Bitbucket Pipelines** to automate build, test, and deployment processes.

Climate Science Ltd | Volunteer | Frontend Engineer

Oct 2021 - Dec 2022

- Migrated a climate change awareness platform from Angular and Firebase to a modern **Next.js, TypeScript, and Vercel** stack, enhancing performance and scalability.

We are WILD GmbH | Intern | Frontend Engineer

Jul 2021

- Contributed to building a reusable **React** component library, enhancing development efficiency and improving product UI consistency.

EDUCATION

HTL Spengergasse | Higher Technical College

Sep 2019 - Jun 2024

- Diploma in Informatics with English as a working language.
- High Potential Program member since 2021.