Miriam Kraus | Full Stack Dev

Germany

in Miriam-Kraus ● ⚙ MiriamCodes

Skills

JavaScript - TypeScript - Express.js - PostgreSQL - OpenAPI Specification (OAS) - MongoDB - React.js - Next.js - Cascading Style Sheets (CSS) - Koa.js - Prisma ORM - HTML - Mongoose ODM - Material-UI - PGAdmin - Studio3T - Git - VSCode

Experience

CodeLink   **Remote**

Software Engineer   *2023*

CodeLink is a social networking platform for developers to meet and share their skills.

- Participated in a 4-person Agile team, delivering functionality on time.
- Led the development of a discussion feature, allowing users to create projects, interact via likes and comments; encompassed both frontend and backend responsibilities.
- Enhanced platform reliability by covering 100% of the features routes with Jest and Supertest, and contributed to potential CI/CD integrations by developing a database seed.

Tech Stack: Typescript, Express, PostgreSQL, Prisma, Next.js, CSS

ticktrack   **Remote**

Software Engineer   *2023*

Ticktrack is a responsive full-stack web application designed for effective time management using the pomodoro technique.

- Designed and wireframed UI/UX and data flow.
- Formulated an OpenAPI3.0 specification for the backend routes and illustrated sequence diagrams to fortify a robust engineering approach.
- Engineered the data model, controllers and endpoints using Koa, with data persistence in PostgreSQL.
- Constructed the frontend leveraging the React framework.

Tech Stack: Javascript, Koa, PostgreSQL, React, CSS

MedusaChat   **Remote**

Software Engineer   *2023*

Medusa is a web app aimed at generating instant, spontaneous, and anonymous discussions.

- Collaborated in a 2 developer team to transition the codebase from JavaScript to TypeScript, optimizing numerous React components for type safety.
- Elevated the platform's accessibility, achieving a 100% score on Chrome Lighthouse and rectifying all Axe DevTools discrepancies.
- Integrated Husky to enhance code quality, implementing automated Git hooks that uphold eslint linting standards and run tests pre-commit.
- Orchestrated and implemented integration tests, covering 80% of the application's pivotal features.

Tech Stack: Typescript, Express, Mongoose, Socket.io, React

Health and well-being

Career Break   *2020-2023*

Berlin Social Science Center (WZB)   **Berlin**

Research Assistant, Part-time   *2019*

Supported research on digital politics, contributing to subsequent publications and presentations.

Technische Universität Berlin   **Berlin**

Associate Researcher, Part-time   *2017 – 2019*

Led an interdisciplinary course series designed to merge the fields of philosophy and computer science.

Education

Codeworks   **Remote**

Immersive Software Engineering Bootcamp

Technische Universität Berlin   **Berlin**

Master of Arts, Philosophy of Science and Technology, 1,3

Ludwig-Maximilians-Universität   **Munich**

Bachelor of Arts, Philosophy, 1,9