Jan Horak

(706)361-8857 | jan-horak@gmx.de | LinkedIn | GitHub | Portfolio

SOFTWARE ENGINEER

A multilingual Software Engineer with 15+ years of international leadership and community engagement experience. Analytical problem solver known for collaboration on cross-functional teams and for creative and compact code. With a background in project and team management, enjoy developing meaningful solutions for clients and colleagues.

SKILLS & EXPERTISE-

JavaScript ES6 + Node.JS + Express + React + Python + CSS + HTML + JAVA + Apache + PHP + SQL + MongoDB
Team Leadership + Public Speaking + Communication + German, English, & French Languages
Cross-functional Team Collaboration + Complex & Creative Problem Solving + Data & Budget Management

TECHNICAL PROJECT EXPERIENCE

Bridge an environmental and climate focused social app GitHub   05/2022
- Primary engineer on the back end using MongoDB and NodeJS in a cross-functional team of 8.
- Set up and integrated AWS S3 Bucket photo upload in React.
- Implemented frontend functionality and the form to select a category and create posts in a forum.

A spelling bee practice app GitHub   04/2022
- Developed a MERN stack Ed-tech tool as a solo passion project.
- Implemented speech-recognition and speech-synthesis for cross platform usage.
- Made use of 3rd party Words API to allow Admin users to choose definitions to words they add.

Ea$e a personal financial planning app   02/2022
- Deployed a decoupled MERN stack prototype in a 3-day Hackathon.
- Prototyped the backend API as the primary engineer for a team of 4 collaborating with a UX/UI team.
- Implemented frontend logic to process data in 3 dashboard components.

Junction a multi-purpose Interest based social app   12/2021
- Planned the data models and established a MERN app from start to finish in a team of three.
- Managed database with 4 data models and created React components for the app.

Sticky Note Bulletin Board web app using Django   11/2021
- Made an interactive bulletin board with 2 distinct views using Python, JavaScript, jQuery and Django.
- Harnessed draggable divs allowing a realistic user experience making it possible to place multiple notes anywhere on the board and storing the location in local storage.
- Utilized Amazon Workspace (AWS S3) for picture upload and storage.

Homecooked: A recipe social sharing web app with weekly meal planning using MongoDB & EJS   10/2021
- Created a social recipe sharing app with 7-day meal planning capabilities using JavaScript, EJS and MongoDB.
- Integrated admin functionality allowing admins to create special meals and occasions in the meal plan selection.

JavaScript web game Battleship2022!   09/2021
- Designed and developed a 2-player browser remake of an old classic using CSS and vanilla JavaScript.

EDUCATION

Software Engineering Immersive | General Assembly | Remote   2021
Systems Integration and Software Development | Taylorix Institute | Germany   2020
Theological Studies | University of Heidelberg | Germany