Jan Horak

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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

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.

PROFESSIONAL EXPERIENCE

Associate Pastor | Faith Baptist Church
- Supervised staff of 10 and managed an office, a k-8 private school of 100 students, and a preschool serving 70.
- Facilitated weekly staff meetings for 8 and monthly council planning meetings for 16.
- Streamlined 25 ministry events per year and created efficient uses of resources while increasing community impact.
- Increased revenue and engagement by 10% through leading a multinational team of 5 volunteers to organize Europe-wide youth activities for 200+ program participants.
- Modernized and optimized community online presence while decreasing advertising costs by 50% a year.
- Instituted weekly ministry streaming and media to increase accessibility to 20+ deployed soldiers.

EDUCATION

Software Engineering Immersive | General Assembly | Remote   2021

Systems Integration and Software Development | Taylorix Institute | Germany   2020

Theological Studies | University of Heidelberg | Germany