# Jan  Horak

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Multicultural, bi-lingual software engineer with a background in creative communication. Using analytical approaches to solve challenging problems with collaboration, creativity and compact code. With a background in leadership and experience in working with people through life's ups and downs understanding that team members have shared ownership and valuable input through unique perspectives that enrich the final outcome of a project.

## SKILLS & EXPERTISE

JavaScript ES6 + Node.JS + Express + React + Python + CSS + HTML + JAVA + Apache + PHP + SQL + MongoDB
Team Leadership + Public Speaking + Collaborating

## TECHNICAL PROJECT EXPERIENCE

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

**[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.

**[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.

**[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.

**[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.

## PROFESSIONAL EXPERIENCE

**Associate Pastor | Faith Baptist Church**                                        1998 – 2018
- Supervised staff of 10 and team leads of the church office, a k-8 private school with 100 students and a preschool with a capacity of 70 children.
- Facilitated weekly Staff and monthly church council meetings planning, evaluating  and streamlining ministry events, creating more effective use of resources and increasing impact.
- Organized Europe wide youth activities for hundreds of teens while leading a multinational team of 5 volunteers growing annual attendance by 10%.
- Optimized the online presence of the church decreasing advertising costs by 50% a year.
- Instituted the weekly streaming media ministry establishing and increasing accessibility to deployed soldiers in the field.

## EDUCATION

**Software Engineering Immersive** | General Assembly | Remote                      2021
**Systems Integration and Software Development** | Taylorix Institute | Germany     2019 – 2020
**Theological Studies** | University of Heidelberg | Germany