

Benjamin Klein

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About Me

I am a dedicated software engineer with a passion for delving deeply into cutting-edge technologies. My native curiosity drives me to continuously ask “why?” until I've unraveled the most complex of systems. In my free time, I enjoy researching emerging technologies across many fields including but not limited to aviation, automotive, electrical and software. While I find research fascinating, my true fulfillment comes from hands-on involvement. I am an advocate for active participation over passive observation, and this philosophy is at the core of my love for software engineering. In an era where open-source initiatives are becoming increasingly prevalent, software engineering offers a practical avenue for swiftly accessing and exploring new technologies.

PROJECTS

THE SPOT | [SERN Stack](#) | github.com/TechTitansGeaux/TheSpot

Social app that connects users to events near them

- Implemented Google's Maps JavaScript API, react-google-maps and useSupercluster to display user and event locations
- Applied ReactWebCam, Cloudinary and Google Maps Geocoding API to allow users to post and view videos from events
- Mounted Google OAuth with Passport middlewares for user identification and log in using express.js
- Employed react speech recognition to aid in sign-up process for visually or physically impaired users

RESOLUTION | [SERN Stack](#) | github.com/TechTitansGeaux/resolution

Conflict resolution application

- Built messaging component using Socket.io to send and receive messages in real-time
- Utilized express session and cookie session to create and manage cookies and sessions
- Styled using bootstrap for a clean and uniform user interface

MYFITFIX | [MERN Stack](#) | github.com/TechTitansGeaux/MyFitFix

Workout and fitness application

- Maintained consistent styling in legacy codebase using Tailwind CSS
- Offered users inspirational quotes implemented with API Ninjas Quotes restful API and Ajax for http requests
- Allowed users to set personal goals and track gains as well as visualized progress using recharts

PROFESSIONAL EXPERIENCE

Rad Cycles | [Sales Associate & Service Advisor](#)

2021-2022

Sold OEM and after-market parts for ATVs and motorcycles, advised and assisted customers with service and repairs

Spanky's Daiquiris | [Bartender](#)

2020-2021

Served Daiquiris and mixed drinks, cleaned and maintained Daiquiri machines

EDUCATION

Operation Spark | [Advanced Software Engineering Immersion Program](#)

2022-2023

IBC Fundamentals of Javascript, Functional Programming, and Web Development Level 3

Louisiana State University | [Psychology Studies](#)

2019-2020