

JACK H. KUFA

Software Engineer

kufa.io / linkedin.com/in/jackkufa / github.com/jkufa

(217) 827-5454 / jack@kufa.io

EXPERIENCE

Service Management Group

Software Engineer

Jan 2022 - Present

Remote, US

- Lead development of self-serve hierarchy onboarding wizard to reduce onboarding time from up to 2 weeks to minutes
- Built out 2 APIs to reduce hierarchy import times by up to 5x for large clients
- Owned migration of Blazor WASM web app to Angular 15 with functional parity in 7 days
- Designed & maintained GitHub Action CI/CD workflows across 6 unique applications on Azure
- Delivered mobile-first location picker component utilizing Google Maps API

Service Management Group

Software Engineer Intern

May 2021 - Aug 2021

Kansas City, MO

- Implemented reusable Angular components for internal UI component library & design system
- Updated API to support functionality for KPI lite model to improve loading times by 100%
- Decoupled functionality in AngularJS service to correctly show resolved cases for 200+ clients
- Fixed various bugs in smg360® across 3 different technologies to improve user experience
- Developed Jasmine & Postman unit tests to verify code correctness

CinemaCraft LLC

Plugin Developer

May 2020 - Aug 2020

Remote, US

- Interfaced with Spigot API to create custom Minecraft plugins
- Generated over 16.4 million YouTube views for content creators
- Deployed plugins to servers using Maven to automate build process
- Managed server resources on Linux box remotely via ssh to ensure plugin responsiveness

Yaskawa America Inc

Software Engineer Intern

May 2019 - Aug 2019

Oak Creek, WI

- Architected internal C# ASP.NET MVC web app for the engineering team
- Automated generation of electrical panel schematics to streamline custom design process
- Built & documented first tool to utilize EPLAN's API in a web application
- Designed SQL Database using Code First Migrations in EF6 to store schematic information

Missouri University of Science & Technology

Underwater Robotics Design Team - Vice President & Competition Lead

Aug 2018 - May 2020

Rolla, MO

- Fostered team growth via emails and monthly outreach events to recruit over 60 new members
- Implemented custom Discord bot using Discord's API and reduced onboarding time across 4 divisions
- Reviewed & summarized 80 page competition manual to provide team with key information
- Authored travel documentation to streamline travel process for 19 design teams

Embyr Technologies LLC

Director of Marketing & Design

Jan 2018 - Dec 2018

Rolla, MO

- Awarded top 15 Finish at national EIX e-Fest Schulze Entrepreneurship competition out of over 150 candidates
- Worked with small team to successfully design, prototype, and deliver an educational robot in 3 weeks
- Produced video content for funding to showcase company vision and progress
- Curated news articles relevant to Embyr brand to increase social media engagement

SKILLS

Languages

Typescript/Javascript (ES5/6), C#, HTML/CSS/SASS, Python, MSSQL

Frameworks

Angular, React, NestJS, NextJS, .NET 6+

Other

Git, Agile/Scrum, RESTful APIs, Storybook, Cypress, Figma, Azure, SQL Server, GitHub Actions

PROJECTS

Corgie – Wordle-inspired hackathon project on guessing the names of pet dogs

April 2022

Built using React, Typescript, Sass, NestJS, Python, and MongoDB

- Awarded Cigna's Most Accessible Hack award for including alt text for 500 dog pictures
- Managed application architecture & front end implementation details
- Scraped WeRateDogs® Tweets and translated to JSON of over 200 unique pets

EDUCATION

Missouri University of Science & Technology

B.S. in Computer Science, B.S. in Computer Engineering

2017 - 2021

GPA: 3.49