

JACK H. KUFA

Software Engineer

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

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

EDUCATION

Missouri University of Science & Technology

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

2017 - 2021

GPA: 3.49

SKILLS

Languages

Typescript/Javascript, C#, HTML/CSS/SASS, Python, MSSQL

Frameworks

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

Other

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

EXPERIENCE

Service Management Group

Software Engineer

Jan 2022 - Present

Remote, US

- 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
- Integrated CORS cross-domain cookie into survey platform to generate customer journey map
- Transitioned smg360® authorization token from local storage to cookie to improve security
- 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 the first documented tool that utilizes EPLAN's API in a web app
- 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 time spent onboarding by 50%
- 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

- Collaborated with a team of 5 to prototype & design an educational robot in 3 weeks
- Received top 15 Finish at EIX E-Fest Schulze Entrepreneurship Challenge out of over 150 candidates
- Produced video content for funding to showcase company vision and progress
- Curated news articles relevant to Embyr brand to increase social media engagement by 67%

PROJECTS

Corgie – Wordle-inspired hackathon project for guessing pet dog names

April 2022

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

- Managed application architecture & front end implementation details
- Scraped WeRateDogs® Twitter for images of over 200 unique pets & alt text
- Awarded Cigna's Most Accessible Hack award