JACK H. KUFA

Software Engineer

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EDUCATION

Dec 2021	Missouri University of Science and Technology, Rolla MO **B.S. Computer Science & B.S. Computer Engineering** GPA: 3.49/4.00

EXPERIENCE

Jan 2021 – Present | *Service Management Group (SMG)*, Remote US
Associate Software Engineer

- Spearheaded implementation of Google Maps API component to ensure mobile-first approach
- Collaborated on UI components with Product & UX to determine intuitive & feasible designs
- 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
- Implemented proof of concept REST API with Azure's CosmosDb to validate new technology

May 2021 – Aug 2021 | *Service Management Group (SMG)*, Kansas City MO
Software Engineer Intern

- Designed reusable Angular components for internal UI design system
- Integrated KPI lite model back-end functionality to improve loading times
- Decoupled functionality in AngularJS service to correctly show resolved cases for 200+ clients
- Maintained smg360 web app by implementing bug fixes to improve customer experience
- Developed Jasmine & Postman unit tests to verify code correctness

May 2020 – Aug 2020 | *CinemaCraft LLC*, Remote US
Plugin Developer

- 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

May 2019 – Aug 2019 | *Yaskawa America, Inc*, Oak Creek WI
Software Engineer Intern

- Architected internal C# ASP.NET MVC web app for Engineering
- 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 (EF6) to store schematic information

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PROJECTS

Corgle
April 2022
React, Typescript, Sass, Nest.js, MongoDb

- **Won Cigna's Most Accessible Hack Award**
- Lead application architecture
- Controlled game state via React functional components

ShineGrab.tech
April 2021
Javascript, Express.js

- **Received top 5 placement**
- Integrated Slippi SDK into Express.js backend
- Built out core data view for web app

TECHNICAL SKILLS

Languages & Frameworks	Javascript, Typescript, HTML, Python, C#, Angular, React, .NET, Express.js
Tools & Software	CSS/SCSS/LESS, Storybook, Postman, Jira, Confluence
Industry Knowledge	Git, Linux, Scripting, Agile/Scrum, RESTful APIs