

Jacob Johnson

Software Engineer

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Profile

Full-Stack Software Engineer with experience maintaining and enhancing enterprise-level applications. Involved in resolving production issues, maintaining data consistency across applications, and upgrading and optimizing front-end applications.

Work Experience

Missouri Employers Mutual

Software Engineer I

10/2022 - present | Columbia, MO

- Executing full lifecycle software development using Agile methodology
- Producing specifications and determining operational feasibility
- Maintaining & updating customer-facing applications
- Improving efficiency in user experience, fixing production bugs, and ensuring data consistency

Software Engineering Intern

06/2019 - 03/2020 | Columbia, MO

- Worked alongside software engineers & sales department using agile project management
- Utilized SQL, Salesforce, & Java
- Optimized sales executive dashboards

Technical Skills

- Javascript
- HTML/CSS
- Git
- Python
- Java
- SQL/MySQL
- C
- C#
- .NET

Volunteer Experience

Athens Church

Elementary Sunday School Teacher

05/2021 - present | Parkville, MO

Lead students through lessons and activities

The Crossing Church

Small Group Leader

01/2016 - 08/2020 | Columbia, MO

Planned and directed bible study lessons on a weekly basis with ~10 high school students

Project Japan

Missionary

06/2018 - 08/2018 | Nagoya, Japan

Served local church and provided assistance with Sunday services and campus ministries

Won by One

Missionary Lead

03/2018 | Harmons, Jamaica

Planned and led a weeklong mission trip building houses for local families

Education

Bachelor of Science in Computer Science

University of Missouri - Kansas City

2022

Graduated Cum Laude (GPA 3.69)

Projects

Monte Carlo Poker Simulation

- Designed & implemented a program in Python to predict the percentage chance of a poker hand occurring and of winning

Commerce Sponsored Banking App

- Capstone project in collaboration with Commerce built in C# using .NET framework
- Allowed multiple users to log in and handle deposits, withdrawals, and account settings
- Involved in technical design & Implementation

Simulated Annealing Knapsack Problem

- Created a program to solve the knapsack problem in Python

Portfolio Website

- Continually designing & releasing website to display projects & short blog posts using React