

Gattlin Walker

Software Engineer

4+ years of experience in software engineering. Passionate about learning new ways to improve programming through new technologies and ideas. Top areas of interest include web development, data mining, and parallel programming.

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WORK EXPERIENCE

Software Engineer Square

09/2022 - Present

Remote (IN)

Part of Square's Payroll team handling all tax information including taxation, enforcing tax codes, and filings.

Achievements/Tasks

- Migrating our legacy system to microservices
- Implementing stories and bugs related to Square's Payroll product
- Responding to client questions

Senior Associate Software Engineer Duck Creek Technologies

06/2018 - 09/2022

Remote (IN)

A developer for the Commercial Templates team. I was the lead developer for the General Liability and Crime line of business where I implemented business logic for insurance software.

Achievements/Tasks

- Integrating major updates to the General Liability line of business
- Developing monthly stories and bugs
- Updating and maintaining internal applications
- Onboarding new hires

EDUCATION

BS - Computer Science Missouri State University

08/2016 - 05/2020

Springfield, MO (3.93 GPA)

High School Diploma Bolivar High School

08/2012 - 05/2016

Bolivar, MO (4.00 GPA)

SKILLS

React

GraphQL

Express

Postgres

Node

Redis

Azure DevOps

Git

SVN

HTML

CSS

PERSONAL PROJECTS

Microbeads Analyzer

- A web application that provides an automated approach to detecting protein beads in images and gathers color intensities to then be analyzed. The information gathered is used to aid in disease detection research. This project was inherited as part of a course project from a previous semester. The application utilizes a **jQuery** frontend, **Flask** backend, and image processing libraries like **OpenCV**.

Grant Research

- Conducted grant research for NASA's Missouri Space Grant Consortium Research. The grant is given to select MSU students based on professor recommendation. Candidates are tasked to perform research with NASA's ECOSTRESS dataset. My research involved applying spectral similarity algorithms and convolutional neural networks to achieve an accurate prediction model for unknown spectra.

Personal Portfolio Website

- A **React** web application using **TypeScript** to talk about my experience in the industry, certificates, education, and research I have performed.

REFERENCES

Razib Iqbal - RIqbal@MissouriState.edu

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