

ASHLEY MATHEW

Software Engineer | Pharmacist

Houston, TX | 713-530-3965 | amathew195@gmail.com | [Website](#) | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

Languages – JavaScript, Python, TypeScript, SQL, HTML, CSS

Frameworks/Libraries/Tools – React, Flask, Django, Express, Node.js, jQuery, Bootstrap, Jest, Jasmine, doctest, unittest, Git, GitHub, AWS S3, JIRA

Database Management – PostgreSQL, SQLAlchemy

TECHNICAL PROJECTS

Jobly - Full stack job board site using React, Node.js, Express, PostgreSQL, RESTful API

[LiveDemo](#) | [GitHub](#)

Warbler - Full stack Twitter clone using Python, Flask, PostgreSQL, SQLAlchemy, RESTful API

[LiveDemo](#) | [GitHub](#)

WORK EXPERIENCE

Rithm School

San Francisco, CA (Remote)

Software Engineer Intern

Jan 2023 – Present

- Used Python and Django to refactor and implement functionality for students and admins in a sophisticated 40k LOC learning management system while maintaining 98% test coverage.
- Migrated and modernized legacy code and re-designed SQL database models for course surveys to allow for an integrated user experience where users can create and complete surveys within the learning management system.
- Developed announcement notifications on homepage and built a robust admin panel including advanced filters, search functionality, prepopulated fields, and validation checks to improve efficiencies in admin workflows.
- Designed and implemented a cohort page for users to toggle between cohorts if the user was enrolled in multiple to improve user experience and allow for easier access to course material.
- Wrote model factories with factory_boy to create a comprehensive testing strategy and improve test coverage.
- Delivered code contributions through agile practices, engaging in 1 week sprints and daily stand-ups in a team of 6.

CoverMyMeds

Columbus, OH (Remote)

Solutions Engineer

Nov 2021 – Sep 2022

- Partnered with sales, product management, engineering, and operations teams to deliver solutions aligned with the unique needs of the pharmaceutical industries.
- Proposed and presented solutions to prospective and current clients including product demos, case studies, and data driven insights.
- Built SQL queries to analyze data, understand competitive landscape, develop case studies, and pinpoint barriers for patient access to medications in order to identify most impactful CoverMyMeds (CMM) solutions for clients.
- Identified gaps in CMM solutions and worked in conjunction with product, operations, engineering, and client management teams to make updates to existing products in line with customer needs.
- Managed product modification requests from clients using JIRA, while working alongside engineering, product, and finance teams to create resource requirements, plan total costs, and deliver solutions to implement.
- Collaborated with UX teams to maintain solution demo environments, identify any outdated code, and request new enhancements to be added, ensuring the latest technology was demonstrated to clients.

Oracle Cerner

Kansas City, MO (Remote)

Sr. Pharmacist Solution Advisor, Manager

Mar 2020 – Oct 2021

- Supported over 200 presentations to healthcare organizations and provided solution feature and functionality knowledge for pharmacy and medication processes during the sales process.
- Analyzed data for current clients to identify opportunities for improvement within existing workflows and led discussions to share findings and recommendations for technology upgrades.
- Identified gaps in the solution portfolio based on feedback during the sales process and consulted product teams.
- Managed team responsibilities by providing clear expectations, ensuring progress, and helping overcome roadblocks.

Sr. Pharmacist Solution Advisor

Jan 2019 – Feb 2020

Pharmacist Solution Advisor

Apr 2017 – Dec 2018

EDUCATION

Rithm School || Full Stack Web Development Bootcamp

Sept 2022 – Jan 2023

University of Houston || Doctorate of Pharmacy, GPA: 3.790, Magna Cum Laude

Aug 2012 – May 2016