Kaleb **Swartz**

SOFTWARE ENGINEER

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Work Experience

Rhyme
Remote

SOFTWARE ENGINEER
January 2022 - Present

- Develop .NET6 microservices used to connect new payers to the Rhyme network (8+ payers so far) via various behaviors, APIs & webhooks
- Typical behaviors developed include: data model validation, submission, clinical upload, response handling/mapping
- Design & implement various libraries used across our microservices
- Developed Vue.js internal tool functionality to allow for the viewing of scheduled events
- Wrote payer-site-automation scripts (Javascript + Puppeteer) to crawl payer portals & submit data when API functionality was lacking
- Acted as lead developer during live testing sessions for new integration with customer

Renu
Indianapolis, IN

SOFTWARE ENGINEER
November 2020 - January 2022

- Developed proprietary full-stack ASP.NET MVC web application used to analyze & underwrite homes across the United States
- Designed & implemented ability to simultaneously underwrite homes for multiple clients, increasing analyst efficiency by 300%
- Implemented SignalR web socket functionality to allow for real-time web application updates & notifications for users
- Developed data replication & integration process with external property management software
- Re-designed & implemented multiple web application views
- Integrated & engineered multiple RESTful API data pipelines to gather additional real estate data

Eli Lilly and Company
Indianapolis, IN

INFORMATION AND DIGITAL SOLUTIONS ANALYST
July 2019 - November 2020

- Developed Python ETL workflow using AWS Glue & Redshift to allow for visualization of clinical trial data
- Developed Angular/Node.js web application POC to interact with Global Patient Safety Analytics data
- Incorporated multithreading & parallelization in Global Literature Screening Database application to double speed of scientific literature XML analysis

Brookhaven National Laboratory
Long Island, NY

SOFTWARE ENGINEERING INTERN
June - August 2018

- Integrated Python data collection library Bluesky with X-ray simulation software Sirepo, resulting in the ability for a beamline experiment to be simulated with tunable optic parameters
- Created Synchrotron Radiation Workshop parser, visualizing a particular beamline data set
- Collaborated with broader team to publish research paper (Introduction of the Sirepo-Bluesky interface and its application to the optimization problems)

Skills

Languages	C#, Javascript, Python, Java
Back-end	Node.js, Next.js, Supabase, DynamoDb, SQL Server, PostgreSQL
Front-end	React, Vue.js, Angular
DevOps	AWS, Azure, Jenkins, Vercel, Git

Education

Miami University (College of Engineering and Computing)
Oxford, OH

B.S. IN COMPUTER SCIENCE
August 2015 - May 2019

- 4x Dean's List member

Projects

Ruah Church
Personal

REACT, NODE.JS, NEXT.JS, SUPABASE, TAILWIND
March 2021 - Present

- Web app currently used in production for local church (ruahchurch.com)
- Static site generation used to generate HTML at build time
- Supabase Auth allows for admin account creation and behaviors
- Admins can create new blog posts using markdown that are rendered in real-time
- Integrated with Tithe.ly to support giving, MapBox for location