Kaleb **Swartz**

SOFTWARE ENGINEER

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Work Experience

Renu
SOFTWARE ENGINEER

Indianapolis, IN
November 2020 - Present

- Develop proprietary full-stack ASP.NET MVC Web Application used to analyze & underwrite homes across the United States
- Designed & integrated 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 and notifications for users
- Developed data replication & integration process with external property management software, constructed intuitive SQL schemas & data processes for data visualization
- Re-designed & implemented multiple web application views
- Integrated & engineered multiple RESTful API data pipelines to gather additional real estate data

Eli Lilly and Company
INFORMATION AND DIGITAL SOLUTIONS ANALYST

Indianapolis, IN
July 2019 - November 2020

- Developed Python ETL workflow using AWS Glue and Redshift to allow for visualization of clinical trial data
- Engineered DevOps solutions for AWS-hosted serverless web application
- 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
SOFTWARE ENGINEERING INTERN

Long Island, NY
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
- Created research poster & collaborated with broader team to assist in ongoing 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, Express, GraphQL, Next.js, Supabase, MongoDB, SQL Server
Front-end	React, Angular, Knockout.js, HTML/CSS
DevOps	AWS, Azure, Jenkins, Vercel, Git

Education

Miami University (College of Engineering and Computing)
B.S. IN COMPUTER SCIENCE

Oxford, OH
August 2015 - May 2019

- 4x Dean's List member

Projects

Ruah Church
REACT, NODE.JS, NEXT.JS, SUPABASE, CHAKRA UI

Personal
March 2021 - Present

- Web app created and is currently used in production for local church (ruahchurch.com)
- Integrated with Tithe.ly to support giving, MapBox used to showcase location
- Blog entries updated & posted weekly

Holy of Holies
ANGULAR, NODE.JS, EXPRESS, MONGODB

Personal
June - August 2020

- Web app created as POC to intuitively read Bible
- Integrated with API.Bible to get data & used Mongoose to sync with Database

Uptown Index
PHP, AJAX, MYSQL, BOOTSTRAP

Senior Capstone
August 2018 - May 2019

- Collaborated with group to create web app for off-campus housing
- Users able to leave reviews on houses & search for new listings