Arthur "Alex" Wasik

Sr Software Engineer

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Experienced Sr Software Engineer with 10 years of development experience working directly with companies large and small. Proficient in full-stack development, leading cross-functional teams, and implementing best practices to deliver high-quality, scalable software applications. Skilled in multiple programming languages and frameworks, adept at troubleshooting complex technical issues, and passionate about staying current with emerging technologies. Strong communication and leadership skills, able to collaborate effectively with stakeholders to achieve project goals.

Professional Experience

Tech Lead

DMI, Indianapolis, IN   *October 2023 - Present*

- Managed a team of 4 developers building and maintaining 2 complex software applications (React and Node/Python APIs) in the pharmaceutical manufacturing space
- Implemented best practices for code review, CI/CD pipelines via Github Actions and automated testing to improve overall team productivity and code quality
- Facilitated collaborative sessions with stakeholders to gather and document detailed technical requirements, resulting in well-defined project plans that ensured timely project delivery
- Maintain/Investigate AWS infrastructure consisting of CloudFront, Lambdas and Step Functions
- Build/Refactor existing code base based on client requirements

Tech Stack: React, Node, Python, Postgres, GraphQL, AWS

Sr Software Engineer

DMI, Indianapolis, IN   *January 2020 - Present*

- Developed data-driven dashboards using Vue, integrating with third-party SaaS platforms (Heroku, Salesforce, Github, Slack, Contentful) for application owners. This resulted in a 25% decrease in unused 3rd party licenses
- Successfully migrated 15 internal projects from Heroku to AWS, leading to significant cost savings
- Maintained internal npm package for secure Active Directory authentication, streamlining development processes
- Mentored junior engineers in best practices for coding, testing, and code review processes, resulting in improved overall team performance and project timelines
- Design, deploy, debug internal tools utilizing an array of technologies and languages

Tech Stacks: React, Vue, Node, Python, AWS

Director of Engineering

DocuMentor, Indianapolis, IN   *August 2019 - August 2020*

- Led the definition of product architecture and made critical design decisions for DocuMentor, a new Medicaid documentation startup
- Managed a team of 6 contractors, ensuring efficient development and delivery of the product within a tight timeframe and budget.
- Spearheaded the development of a scalable and secure product architecture
- Three clients signed immediately after launch with 25 users and over 300 client provided patients managed at the time of launch

Tech Stack: React, Node, Mongo, Passport

Software Engineer

Olio, Indianapolis, IN   *June 2018 - August 2019*

- Post Acute healthcare communications platform taken from MVP to market

- Proposed and implemented a feature to notify care team of urgent patient issue with email and push notifications.
- Identified and Upgraded React version from v15 to v16 to utilize newly introduced hooks
- Built and Maintained API endpoints in Ruby on Rails backend
- Implemented the use of Formik to take advantage of built in validation and form submission

Tech Stack: Ruby On Rails, React, React Native, Postgres, Expo, AWS

Software Engineer

MOBI, Indianapolis, IN   *August 2014 - June 2018*

- Optimized and maintained Ruby on Rails API code for processing submitted CSVs to ensure accuracy and error handling
- Troubleshooted and resolved critical bugs impacting the functionality of 3rd party telecom API integrations, ensuring accurate billing information retrieval
- Transitioned to Full Stack team tasked with modernizing UI and reporting capabilities from .erb/jQuery to AngularJS

Tech Stack: Ruby on Rails, AngularJS, Postgres

Key Skills

- **Javascript/Typescript**
- **Node**
- **React**
- **React Mobile**
- **Vue**
- **Postgres**
- **Mongo**
- **Ruby on Rails**
- **Python**
- **AWS**
- **Leadership**
- **Excellent Verbal and Written Communication**

Publications

Medium

https://alex-wasik.medium.com/

- Create A Custom Git Commit Template
- How to Debug Jest Tests with Chrome
- Working with Globally Distributed Teams
- Using Postman to Fetch Firebase Tokens
- Build a Simple App with Vue and Firebase
- Create a ToDo Chrome Extension with React

Additional Information

CharityChug.org   August 2017

Founding Member/Board Member

Local 501(c)(3) whose goal is to raise money for local charities through social events. To date, CharityChug has raised over $25,000, all of which has been donated to local charities.