

# Alex Abushanab

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## Experience

**Software Engineer** | Lyfstyl Real Estate Remote | 2021 - Present

- Developed an automated billing and invoicing app to notify agents of declined payments and brokers of past due payments
- Leveraged TypeScript and Node.js to store data in a GCP NoSQL Database for a performant and scalable solution
- Handled network requests with axios and scheduled a daily cron job that sends emails with nodemailer
- Implemented CI/CD to run tests, linting job, and deploy to Heroku, and monitored performance and errors with Sentry
- Saved over 5 hours per week, reduced payment lead time, increased payment rate and increased accuracy of emails

**Software Engineer** | Creepy Creams Remote | 2021 - Present

- Developed an interactive Discord chatbot with 15 chat commands and responses that automated wallet address collection
- Enabled users to add, change, view, and remove wallet addresses from a presale and administrators to export data to CSV
- Leveraged the Discord API in a Node.js script using TypeScript to store data in a Google Cloud Datastore
- Enforced user authorization based on wallet address which allowed smart contract interaction during an NFT presale

**Software Asset Management Consulting Manager** | Anglepoint Remote | 2018 - 2021

- Automated workstreams by developing a suite of Visual Basic for Application macros which saved over 80 hours per week
- Prioritized feature requests with V-level and worked with the development team to plan, design, implement features
- Managed and delivered engagements for Fortune 500 clients that accounted for over 1 million dollars in annual revenue
- Trained 10 team members to generate license compliance reports, evaluate business impact, and deliver recommendations

**Contracts Advisory Associate** | KPMG Houston, TX | 2016 - 2018

- Instructed a data analytics training session on designing repeatable workflows and using Alteryx to automate the workflows
- Performed all stages of reviews, including scoping, kick-off, planning, data collection, analysis, testing, and reporting
- Conducted software license and third-party vendor audits to validate compliance with contractual agreements
- Researched software licensing metrics, interpreted license agreements, and applied knowledge to multiple IT environments

## Applications

**Software Engineer** | Front End Capstone Remote | April 2022

- Collaborated with an agile team to develop a shopping app with products, questions and answers, and ratings and reviews
- Leveraged JavaScript, React, Zustand for state management, React Router, SASS, and deployed to an AWS EC2 instance
- Configured webpack to compress and gzip static files when bundling to boost performance and Lighthouse score
- Wrote react-testing-library and Jest tests and configured CI/CD workflow on CircleCI to run tests on every pull request

## Education

**Advanced Software Engineering Immersive** | Hack Reactor Remote | May 2022

**Master of Business Administration** | Louisiana State University Baton Rouge, LA | May 2016

**Bachelor of Science in Business Informatics** | The University of Louisiana at Lafayette Lafayette, LA | May 2014

## Certifications

IAITAM | Hardware Asset Management (CHAMP), Asset Management (CAMP), Software Asset Manager (CSAM) August 2021

ISACA | Certified Information Systems Auditor (CISA) July 2018