Alex Abushanab

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Experience

Lead Full Stack Software Engineer | NativePath | Nextjs, TypeScript, Tailwind, Shopify　　　Remote | 2025 - Present
- Designed automated third-party logistics (3PL) partner fulfillment orchestration system reducing order processing time by implementing state-based routing logic and advanced fulfillment rules engine across multiple 3PL providers
- Resolved critical duplicate order fulfillment issues by developing order analysis tools and automated reporting systems
- Built comprehensive end-to-end testing infrastructure using Playwright to automate checkout flows across all 50 US states, including post-purchase upsell scenarios ensuring 99.9% checkout reliability
- Created and managed engineering tickets in Notion and led grooming/stand-up calls with cross-functional teams
- Managed AI testing including evaluating Amazon Bedrock, Google Gemini, Anthropic Claude Code, Cursor, and Windsurf.
- Actively participated in code reviews and merges, ensuring code quality and adherence to best practices and guidelines.
- Instrumental in setting up AfterSell and Builder.io platforms, leading migration from Checkout Champ and Instapages

Lead Software Engineer | Ulta Beauty | TypeScript, React, Node, Zustand, Jira　　　Remote | 2023 - 2024
- Launched AdHub, Ulta's Retail Media Network, implementing features such as Login, People Management, Audience Targeting Models, and Ad Performance Reporting, significantly enhancing platform functionality and user engagement
- Designed and implemented comprehensive authentication strategies for internal users with Google IAP, LDAP, SSO, and for external users with Auth0 Universal Login, ensuring robust security protocols and seamless user access management
- Collaborated with Product and Design teams to translate user needs and design visions into groomed user stories
- Planned and managed epics and user stories, including role-based experiences, campaign creation, chatbot features, and user management, ensuring optimal team capacity and maintaining sprint grooming/planning for 12 weeks in advance
- Managed containerized apps using Docker, Google Kubernetes Engine, Google Secrets Manager and Google ADC
- Ensured stable builds with Jenkins and Harness and code quality and security with SonarQube, Kiuwan, and Prisma Cloud

Software Engineer | Mastercard | TypeScript, Angular, RxJS, NgRx, SASS　　　Remote | 2022 - 2023
- Delivered new features that improved accessibility, user experience, and visual consistency for the Finicity Connect app
- Debugged and tested app using Jasmine and Karma for unit testing and Playwright for end-to-end testing
- Created and maintained a GitLab repository with scripts to switch configuration files based on environment and region
- Led documentation improvement efforts resulting in more accuracy and quick onboarding of new team members

Software Engineer | Almaza Fine Jewelry | TypeScript, Shopify, GraphQL, GitHub Actions　　　Remote | 2022 - 2023
- Designed a high-availability pricing system with redundant APIs, automated failover, and monitoring to ensure 99% uptime
- Led development of a real-time pricing engine to auto-calculate product prices by market rate, weight, and karat
- Implemented SEO and product title standardization, securing #1 Google Shopping ranking for "21K gold" and "18k gold"
- Provided actionable insights to stakeholders with warnings in hourly price adjustment summary email reports

Software Engineer | Lifstyl Real Estate | TypeScript, Node, GCP NoSQL DB, Heroku　　　Remote | 2021 - 2022
- Designed and developed an automated invoicing app that saved over 5 hours per week and increased the payment rate
- Handled network requests with axios and scheduled a daily cron job that sends emails with nodemailer
- Leveraged TypeScript and Node to store data in a GCP NoSQL Database for a performant and scalable solution
- Implemented CI/CD to run tests, linting job, and deploy to Heroku, and monitored performance and errors with Sentry

Software Engineer | **Creepy Creams** | TypeScript, Node, GCP NoSQL DB, Heroku   Remote | 2021 - 2022
- Developed an interactive Discord chatbot with 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 to CSV
- Leveraged the Discord API in a Node script using TypeScript to store data in a GCP NoSQL Database
- Enforced user authorization based on wallet address which allowed smart contract interaction during an NFT presale

Software Asset Management Consulting Manager | **Anglepoint** | VBA   Remote | 2018 - 2021
- Automated workstreams by developing a suite of Visual Basic for Application macros which saved over 80 hours per week

Contracts Advisory Associate | **KPMG** | VBA   Houston, TX | 2016 - 2018
- Conducted software license audits, researched software metrics, and applied knowledge to multiple environment

Business System Analyst | **Turner Industries** | SQL   Baton Rouge, LA | 2015 - 2016
- Created reports using SQL and ReportsNow for Marketing, Internal Audit, Accounts Payable, and Project Controls

Management Consulting Graduate Assistant | **Louisiana State University**   Baton Rouge, LA | 2015 - 2016
- Led a team of consultants to determine the economic feasibility of outsourcing a product to China and 3D Printing

Software Engineer, Lab Tech, and Tutor | **The University of Louisiana at Lafayette**   Lafayette, LA | 2013
- Redesigned employee time tracking by building an MS Access system that logged hours through student ID swipes, streamlining timesheet accuracy and reporting

Owner and Co-Founder | **Preferred Nerd iPhone and Computer Repair**   Lafayette, LA | 2012 - 2014
- Founded and operated a tech repair business focused on diagnosing and servicing iPhones, PCs, and Macs, including network troubleshooting, hardware assembly, and customer-focused technical support

Assistant Manager | **Sam's Fashions**   Lafayette, LA | 2010 - 2014
- Managed daily retail operations, supervised staff, optimized store layout to boost sales, and provided personalized customer service to drive revenue through strategic product placement and upselling

Education

Hack Reactor Advanced Software Engineering Immersive | Galvanize   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

Skills

Languages & Frameworks: JavaScript, TypeScript, HTML, CSS, React, Angular, Node.js, Express, jQuery

Testing & QA: Jest, Mocha, Chai, Jasmine, Karma, Playwright, Accessibility Testing

Build & DevOps: Webpack, Babel, CircleCI, GitHub Actions, Jenkins, Harness, Docker

Cloud & Deployment: AWS, Google Cloud Platform (GCP), Cloudflare, Vercel, Heroku, Netlify

Databases & ORM: SQL, MongoDB, Google Cloud Datastore, Mongoose, Sequelize

Workflow & Tools: Git, Agile, Jira, Notion, Sentry, SonarQube, Prisma Cloud