

Bobby Christopher

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EDUCATION

Landmark College

Bachelors of Science in Computer Science

Dec 2018

WORK EXPERIENCE

Shopmonkey

Remote

Senior Software Engineer I

May 2022 - Present

- Launched the Enterprise Data Streaming service, allowing large-scale operations to maintain real-time copies of Shopmonkey data in platforms like S3, Snowflake, Postgres, and Kafka
- Built DevKit, a powerful extension platform enabling enterprises to embed custom widgets in Shopmonkey's UI, paving the way for an extension marketplace for third-party developers to create integrations
- Designed and implemented a SQL database overhaul of the payments system in preparation for a large number of payment related features
- Proposed and delivered Dipstick, an innovative internal log viewer that transformed PagerDuty alert triage processes, achieving nearly 100% adoption and reducing engineer response time dramatically
- Spearheaded the development of a Google Business integration, driving a 20% increase in shop rating
- Built an internal calendar library that delivered a seamless user experience, rivaling Google Calendar, enabling enhanced scheduling functionality for the business
- Developed embeddable scheduling widget for shop websites, offering reservation capabilities.

Zippity

Remote

Software Developer II

May 2022 - Present

- Led a 4-person team project in building the appointment creation platform in a React Native mobile app leading to a 15% increase in dollar booked
- Facilitated regular data requests, feature success monitoring, and dashboard creation in Google Data Studio and Amplitude providing actionable data to a 4-person management team
- Designed and implemented a SQL database overhaul of the payments system in preparation for a large number of payment related features

IXIS

Burlington, Vermont

Software Engineer

Jan 2021 - May 2022

- Converted a client specific web application into a multi-tenant SaaS application within 2-3 months, allowing users to create marketing data visualizations using GraphQL API
- Designed a comment system that supported large companies of over 50,000 employees to communicate key insights about revenue and site analytics data
- Implemented a database migration from NoSQL to SQL to better support the storage of social media data

Harris Computer

Winooski, Vermont

Software Developer

Sep 2019 - Jan 2021

- Launched a long term interdepartmental project to create automated testing of our flagship application ending in the creation of over 100 tests with Selenium
- Created an nightly process to detect new COBOL errors that prevented over 150 bugs from being deployed to production environments

LANGUAGE & SKILLS

Web Development: React, HTML, CSS, Javascript, ShadCn, Tailwind,

Backend Development: Python, Flask, Express.js, GraphQL, Typescript, SQL, CockroachDB, Postgres, Fastify

Cloud Services: S3, Cloud Watch, Lambda, Firebase Products, Google Analytics. Google Cloud, Vercel,

Mobile Development: React Native, Expo, iOS, Android

PROJECTS

Controller Lab

- Developed a Electron application that helps users create complex keyboard shortcuts without code with thousands of users