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Summary

● Innovative **Full-stack Senior Software Engineer** with a proven track record of leading transformative technology initiatives that drive substantial growth and operational excellence. Offers a dynamic blend of technical expertise in the following languages: **JavaScript**, **ES6**, **React, TypeScript**, **Python**, **jQuery**, S**hopify Liquid/Templating Language**, **HTML/CSS**, including css frameworks and preprocessor like **Tailwind CSS**, **Bootstrap**, **SASS**. Experienced in building out **automation** using platforms such as **Microsoft Azure Functions**, **Google Cloud Functions**, and **Zapier**. Well-versed in both **relational** and **non-relational databases**, including **SQL Server (RDBMS)**, **Google Firebase**, and **MongoDB**. Coupled with strategic leadership in building scalable, interactive software solutions. Demonstrated success in creating advanced **E-Commerce** platforms and **web applications** using **MERN** stacks, leading to a tripling of company revenue **from $60 million to $180 million within two years**. Excels in **API design**, **data engineering,** and **data management**, automation, and **integration**, showcasing a unique ability to **lead and carry out projects from end to end**, develop **scalable software solutions**, and **enhance data coherence across systems**. Adept at fostering **innovation** and a **culture of high performance**, with a specialized focus on **system design** and improving the **user experience**.

Experience

Trusted Tech Team - Senior Software Architect– Irvine, CA (Dec 2020 – Present).

● **Operations & Strategic Leadership**: As a **senior member** of the **operations** department, played a critical role in **supporting all organizational departments technologically**. Led the development and implementation of **Standard Operating Procedures** (**SOPs**) and **processes**, underlining the department's central role in ensuring operational excellence and technological advancement across the board.

● **Technical Leadership & Architecture**: Guided technology choices, **code reviews**, and **architecture**. Developed a culture of **innovation** and **high performance**.

● **Frontend Development**: Specialized in **React TypeScript, GraphQL, Bootstrap, Tailwind CSS and Gatsby** to develop dynamic, user-centric interfaces. Significantly contributed to the company's growth by designing and building out the entire new E-commerce store and blog page using **Shopify, jQuery, Liquid, and React TypeScript**. This innovation played a pivotal role in elevating the company **from a $60 million to a $180 million enterprise within two years**. The E-commerce site also serves as an account management page where customers can modify their **Microsoft cloud** subscriptions. Implemented **Chargebee** and its API for managing customer payments and subscriptions efficiently, in conjunction with the **Microsoft Partner Center API** for comprehensive subscription management. Integrated a third-party application to leverage Single Sign-On (SSO), enhancing user experience and security.

● **Backend Development**:
  ● **Attributions and Analytics:**
    ● Developed and implemented **Google Cloud functions** to capture and analyze customer data for **marketing attributions**. Managed the integration of these functions with **Google Firebase** to store **non-relational data**, facilitating **advanced analytics** and **strategic marketing decisions.**
  ● **Data Engineering & Data Managemen**t:
    ● Addressed fragmented data challenges by utilizing **Node.js, Azure Functions, Blobs, and Zapier**, streamlining data aggregation for the org.
    ● Lead/leading an **ETL pipelines** project to solve fragmented data issues, by deploying **Azure Functions, Azure Data Factory, SQL Server, and Azure Synapse Analytics** across b**ronze, silver, and gold tiers**, with various **NodeJS Azure functions** and **SQL** queries at each stage for efficient **data management**.
  ● **Automation & Integration**:

- **Netsuite Rollout**: Led the seamless **Netsuite** implementation for the finance department, overcoming **Shopify** integration challenges. Developed a custom Slack command/bot for efficient data transfer, enhancing operational efficiency.
- **Tech Support Automation**: Implemented **Python** scripts in **Azure Functions** and integrated with **Zapier**, **Chargebee API**, **Microsoft Partner Center API**, and **Zoho Desk API** to automate tech support processes, improving customer service and efficiency.
- **Tech Support Tools**: Built a **Slackbot** on **Azure** using **Node.js** to facilitate interaction with **Slack** users and the **Partner Center API**, increasing the tech support team's efficiency and reducing Service Level Agreement time.
- **Sales Support Tools**: Developed a **Google App Script**-based **Google Sheets** report for the sales team, integrating **Google Firebase** and **Microsoft Partner Center API** for accurate pricing data, aiding in sales calls.
- **Inventory Management Web Application**: Developed a **React TypeScript** web application for inventory management and license dispensing, which significantly upgraded from an outdated Google Sheets system to a more efficient and accurate solution. This application utilizes a **custom-built API** using **Node.js** and **Express**, designed to interact with **webhooks** for real-time inventory count management in **Netsuite**. This enhancement not only improved inventory tracking accuracy but also operational efficiency for the support/fulfillment team.

Teefury - Shopify Developer – Irvine, CA (March 2020 – Nov 2020).
- Developed a **React** app using the **MERN** stack (with **MariaDB** in place of **MongoDB**) to serve as a central hub for artists to submit their artwork. The app streamlined the process for product managers to select artworks for printing on various products, facilitating efficient management of artist commissions and product selection. This solution **significantly enhanced operational efficiency**, **accuracy** in **payments**, and time-saving, contributing to the company's **growth** and operational excellence.
- Held and ran weekly **agile sprint planning**. Create timelines for the development and deployment of all technological services. Ensure that technological resources meet the company's short and long-term needs.
- Implemented and maintained **5 different E-Commerce stores.** Experienced in Shopify Front and Back-end development. Proficient with **Liquid**, **JQuery**, **vanilla JS, Bootstrap, Tailwind CSS** as well as **MERN** development stack.
- Worked closely with the marketing director and designers to turn marketing campaign mockups into **pixel-perfect** pages**.** Also worked with third-party developers to help implement **E-Commerce, Shopify** 3rd party apps, and custom **scripts**.

Codazen - Web Developer – Laguna Hills, CA (Oct 2019 – February 2020).
- Experienced in implementing responsive **HTML layouts** and custom themes based on **wireframes** and **mockups**.
- Utilized **Git** / **Github** to participate in an **agile team** environment and **pair programming** process.
- Efficiently managed and delivered content to websites by utilizing **GraphQL** and **Contentful CMS**.
- Swiftly built **web animations (vector graphics scripting)** by utilizing various frameworks, such as **Gatsby and React**

Tech Summary

- Javascript
- JQuery
- Shopify Liquid
- HTML5 /CSS3
- SASS/SCSS
- React
- Typescript
- Python
- ThreeJs

- Google Appscript
- Cloud/Lambda functions
- Redux
- GraphQL
- Nodejs
- Express
- C#

- Azure/AWS/GCP
- MongoDB
- SQL
- Gatsby
- Git
- NoSQL
- Tailwind CSS
- SASS

Education
Redwood Code Academy – Costa Mesa, CA
- Career development in computer programming
California State University Fullerton – Fullerton, CA
- Bachelor's in Information Systems