JONATHAN LYLE

Software Engineer

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SUMMARY

Software Engineer with 8+ years of experience **bridging the gap between engineering, product, and business needs**. Skilled at **identifying edge cases, optimizing workflows, and leading discussions with stakeholders** to develop scalable, user-focused solutions. Proficient in **React**, **TypeScript, Kotlin, Python, and Node.js**, with expertise in AI integration, cloud architecture, and automation.

EXPERIENCE

Full Stack Software Engineer II

Alcon (Contracted through Hoylu)

📅 09/2022 - 03/2025   📍 Long Beach, CA (Remote)

- Developed core features that enhanced doctor-patient interactions, increasing adoption and driving business growth
- Utilized **React**, **TypeScript**, **Kotlin**, and **Node.js** to implement new rebate programs, automate return processes, and support product rollouts
- Collaborated with the iOS team to integrate frontend web views, debug rendering issues, optimize performance, and handle API communication bugs
- Optimized Kotlin **Spring Boot** backend and Node.js services to enhance system performance and scalability
- Built **Python** KPI reporting scripts to analyze patient activity, email interactions, and orders. Structured data to ensure new features supported seamless reporting and long-term scalability. Used my extensive knowledge of our **NOSQL** database to create efficient and effective queries
- Played a key role in developing and deploying an AI-powered patient data import feature, leading the implementation of a critical page that streamlined EHR extraction for doctors
- Designed, built, and optimized a large-scale **React** application using React Hooks, Redux, React Query, and Jest, ensuring a seamless experience for doctors and their patients

Software Engineer II

Ambassador Software

📅 02/2022 - 09/2022   📍 Long Beach, CA (Remote)

- Spearheaded daily stand-ups for a team of engineers, ensuring alignment and efficiency
- Proactively identified and resolved system bugs, reducing the backlog by 70% and improving platform stability
- Investigated and resolved complex frontend implementation challenges using **JavaScript**, addressing customer-reported bugs and enhancing system reliability
- Enhanced **Node.js** backend to improve referral processing speed
- Planned and implemented new automation integrations with Ambassador Software

Software Consultant (Part Time/ Contract)

Deskvana

📅 11/2021 - 09/2022   📍 Long Beach, CA (Remote)

- Engineered a Slack application with **Node.js**, enabling real-time communication and workflow automation
- Developed and integrated Slack API solutions, enhancing functionality and streamlining interactions between external systems
- Designed and maintained authentication and cloud functions on **Google Cloud Platform (GCP)** to ensure secure and scalable operations
- Optimized system performance and reliability, reducing downtime and improving user experience

Senior Software Developer– CRM Solutions

Clarus Inc

📅 08/2020 - 02/2022   📍 Dana Point, CA

- Designed and delivered custom plugins and **JavaScript** web resources, enhancing functionality for enterprise clients
- Orchestrated technical strategy for a CRM consultant team, designing B2B solutions that integrated Dynamics CRM with .NET workflows, **RESTful APIs**, and **SQL** databases while ensuring scalability and security
- Performed in depth analysis on business needs in order to bring a unique technical perspective that meshed business goals with practical implementation
- Executed complex SQL migrations to transfer data from legacy systems to new services, ensuring data integrity and minimal downtime

Software Developer - CRM Solutions

Clarus Inc

📅 08/2016 - 08/2020   📍 Dana Point, CA

- Developed and maintained custom **JavaScript** web resources to enhance CRM functionality and user experience
- Developed custom automation scripts and client-specific solutions to streamline business workflows, leveraging **Python, Java,** and **C#** to enhance efficiency and system functionality
- Built scalable and reusable components within the CRM system to support business needs
- Debugged automation and web resource quickly to maintain smooth functionality

EDUCATION

B.S. in Computer Science

University of California

📅 09/2015 - 07/2019   📍 Irvine, California

SKILLS

Agile	AI Integration	AWS	AWS Lambda	Cloud Computing	Data Migration	Docker	Effective Communication	GCP
Java	JavaScript	Jest	Kotlin	Microservices	MongoDB	Node.js	NoSQL	Python	React Native	React Query
Redux	REST APIs	SQL	Spring Boot	TypeScript	Unit Testing			