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SEAN HALLS

SENIOR FULL STACK SOFTWARE ENGINEER

EXPERIENCE

CHIEF TECHNOLOGY OFFICER

DATA SERVICES PARTNERS, COSTA MESA, CA

2020 -

Oversaw the development of a SaaS reporting dashboard for Skilled Nursing ownership groups. Wrote production code on all tiers, ensuring HIPAA compliance while providing operable tech-stack documentation, including disaster recovery scenarios. Developed infrastructural configurations on Azure and oversaw a regular release of an ios app. Led a lean development team to generate seven-figure annual revenue from platform without external investment.

PROGRAMMING MENTOR

SPRINGBOARD

2022 -

Currently working with students as a mentor through their journey becoming professional developers. Duties entail weekly communication, calls, and resource-providing time. The Core Curriculum is nine months and covers HTML + CSS, Javascript & React, Python, SQL and general industry skills.

FULL STACK DEVELOPER
CONSULTANT, LOS ANGELES, CA

2014 – 2022

Work included heavy use of Angular (w/ rxjs libraries) & development of API-layer microservices in Node.js in the healthcare space with specialty in the EHR space. Took solutions from inception to deployment on Google Cloud, Microsoft Azure, and AWS. Built large test suites & worked extensively with overseas User Acceptance teams to deliver reliable software in a cost-effective manner.

DIRECTOR OF SOFTWARE DEVELOPMENT
KICKTECH, SALT LAKE CITY, UT

2015-2018

Responsible for creating and maintaining up to 90 different code repositories used on various nodes & microservices within the AD Domain. Major programming project included full-system integration across various applications to create an Intranet Framework & reporting dashboard used by over thirty distinct skilled nursing facility operations and executive management.

LEAD FRONTEND DEVELOPER
DIGIAL TRIKE, SALT LAKE CITY, UT

2013-2014

Agency experience creating a variety of enterprise-level applications for various companies. Worked effectively within teams to connect backends to lightning-fast and fun frontends.

SKILLS

- PYTHON | NODEJS | JS (REACT OR ANGULAR)
- SQL | T-SQL | NoSQL
- PROVISIONING | SERVERLESS | APIs
- TEST DRIVEN DEVELOPMENT
- INFRASTRUCTURE AS CODE
- SOFTWARE SPECIFICATION & SYSTEM DESIGN (HLD + LLD)
- SOFTWARE LIFECYCLE MANAGEMENT | SCALING STRATEGY
- CODE REVIEW | TECHNICAL WRITING
- DEVELOPER EVANGELISM & MENTORING

EDUCATION

- ❖ Algorithms Toolbox, UC San Diego
- ❖ Data Structures, UC San Diego
- ❖ Algorithms on Graphs, UC San Diego
- ❖ Innovation Studio Gamification Accelerator, 2022
- ❖ B.S. Computer Science, 2011, University of Utah

REFERENCES

JAY RYU

Title: Former CMO, Data Services Partners

Relationship: Owner in Company

Contact: 949-478-4090

RYAN WEST

Title: President, Kicktech

Relationship: Former Employer

Contact: crwest@kicktech.com

JASON SKOLLINGSBERG

Title: Chief Technology Officer

Relationship: Former supervisor at Digital Trike

Contact: dragonleech@gmail.com | 801-673-9022

KRISTIAN R. OLSON, MD

Title: Director at Consortium for Affordable Medical Technology

Relationship: Colleague & Peer; Client for Code Review

Contact: krolson@partners.org | 617-512-2265