JOSHUA DARRON PHILLIPS

8652 Lampson Avenue, Garden Grove, California 92841
562.381.5988 ✉ Joshua.darron@gmail.com

Software Engineer

QUALIFICATIONS PROFILE

Analytical, innovative, and results-oriented professional with hands-on experience in software engineering and project management. Highly capable of implementing new features and technical enhancements to increase overall system functionality. Knowledgeable of technological best practices and software development lifecycle processes, including requirements gathering, design, development, testing, release, and maintenance. Proactive team player, with proven record in executing multiple projects from inception to completion and deployment, while working within a fast-paced setting. Effective at establishing relationships and collaborating with key clients, colleagues, and management to deliver positive outcomes.

CORE COMPETENCIES

**Programming and Design | Hardware Assembly | Process Automation | Application Development
Troubleshooting | Training Facilitation | Rapid Conflict Resolution | Problem Solving**

CERTIFICATIONS

University of California, Irvine:
Certificate in Full-Stack Engineering, 2018
Udemy:
Convolutional Neural Networks, 2019 **| Natural Language Processing with Neural Networks,** 2019

PROFESSIONAL EXPERIENCE

HOTB ▪ IRVINE, CA
Software Engineer   Apr 2020–Present

- Successfully generated back-end programming utilizing the full stack; Linux, Node.js, MSSQL, ArangoDB, PostgreSQL, Knex.js, JavaScript, Pug.js/jQuery frameworks
- Developed enterprise-grade software to enhance the agility of companies in a multitude of fast-paced and highly competitive markets
- Structure several internal systems comprising order entry/management tools, conversion/revenue reporting, and production workflow tracking, as well as design custom REST APIs built in NodeJS
- Successfully installed Linux servers and virtualized environments using Docker, and Amazon Web Services
  Career Highlight:
  - ✓ Succeeded in developing a project that facilitates the application, and allotment of government approved Covid-19 financial assistance, resulting in possible transactions of $15,000 per household.

NIHON KOHDEN ▪ IRVINE, CA
Software Engineer   Jan 2020-July 2021

- Architect and implement data streaming APIs to receive a constant flow of data from medical monitoring equipment to store in Microsoft SQL database for further analysis
- Outline and implement API's using Node to query and send data to frontend applications from Microsoft SQL database
- Design and build frontend applications using React to display data from streams and API's
- Assist with building the infrastructure for a data warehouse implementation
- Participate in daily Scrum meetings to thoroughly analyze projects and discuss any blockers or issues, including troubleshooting problems and accomplishing projects in a timely manner

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ADDITIONAL EXPERIENCE

ROGUE CLOUD, INC. ▪ SAN JUAN CAPISTRANO, CA

Software Engineer   Jan 2019–Nov 2019
- Developed enterprise-grade software to enhance the agility of companies in a multitude of fast-paced and highly competitive markets
- Provided training to junior engineers on programming concepts and syntax, as well as mentorship to student interns on career progression
- Coordinated directly with the Development Team in all phases of the project from deployment to current progress

UNIVERSITY OF CALIFORNIA, IRVINE ▪ IRVINE, CA

Teaching Assistant, *Full-Stack /Data Engineering*   Mar 2018–Mar 2020
- Ensure well-organized repository to manage course content for students to easily access and reference content
- Proactively educate future engineers on problem-solving techniques and programming concepts, technologies, and best practices, while assisting other students who are struggling in the course

PROJECTS

Counselor Direct – State Covid-19 Assistance   2021
Role: Software Engineer   **Organization:** HOTB
Objective: To architect, implement, and deploy expansion of API features
- Planned and executed application development for MSSQL relational database, Node.js server, application programming interfaces (APIs)
- Implemented chat system as well as document uploading, downloading, and editing

CoreCompli – Surgical Accreditation Compliance   2020-2021
Role: Software Engineer   **Organization:** HOTB
Objective: To architect, implement, and deploy backend features
- Held responsibility in designing and implementing new application features, and unit tests, and the expansion of the PostgreSQL schema, as well as assisted with deployment to all pipeline environments
- Managed a service for creating customizable documents for accreditation compliance

Data Lake Infrastructure   2020-2021
Role: Full-Stack Data Engineer   **Organization:** Nihon Kohden
Objective: To design, implement, and deploy data lake microservices
- Built out a multitude of services to facilitate data streaming from medical devices to then be stored in a MSSQL database
- Mocked, and Built Vue.js dashboard to view and plot charts with data from data lake
- Deployed to virtual machine servers hosted on Dell cloud services

TECHNICAL ACUMEN

PROGRAMMING LANGUAGES:	JavaScript | Python | Java | C++ | HTML5 | PHP | Go
SYSTEM SOFTWARE/ APPLICATIONS	Nodejs| MongoDB | MySQL | REST | Git | Microsoft SQL| TensorFlow
OTHERS:	Firebase | ArangoDB | Sequelize.js | Mongoose.js | Express.js | Bootstrap Materialize | jQuery | CSS3 | Axios | Ajax | Handlebars.js | React | Vue.js Redux | Flask | GraphQL | OpenCV | SSD | Seq2Seq | D3 | Django Convolutional Neural Networks | Generative Adversarial Networks | PyTorch Tableau | Artificial Neural Networks | AWS | Dell EMC | Knex.js

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github.com/JDarron