Brandon O Robinson

Soulsbyville , CA 94080
borobinson83@gmail.com

408-357-4278
https://www.linkedin.com/in/brandon-robinson-0a298531/

Versatile Full-Stack Developer

Deliver Large-Scale Complex Programs | Integrate Processes with Technology | Optimize IT Performance

Developed cost effective multi-tiered applications across various industries. Unique combination of strengths in both technology and training. Approachable project manager skilled at all facets of the product life cycle including pre-/ post-support and managing client relationships.

Expertise includes:
Technology Strategy, Evaluation & Analysis | Application Development & Implementation | Client Training

Selected Accomplishments

IT Strategy Evaluation and Analysis

• Designed and delivered business data system infrastructure automation solution to Morgan Stanley Menlo Park using VBA. This report producing application has saved millions in wages to date.

• Assessed existing open-source applications, micro controllers and computers, and subsequently co-developed a crypto point of sale device to deliver a secure and scalable cash-to-crypto solution using available parts. We manufacture the enclosure in-house using 3d-printers. Mkhorizon.com\hardware

• As a Subject Matter Expert (SME), although difficult we deploy BTCPay Server locally without docker. Along with enhanced security and lower transaction costs, hosting BTCPay Server locally on Ubuntu gives me design insights, control, and repairability . Btcpayserver.mkhorizon.com

Custom Application Development and Implementation

• Led, developed, and implanted a keycard interface and lock mechanism using ATMEGA-328 as microcontroller, written in C/C++.

• Integrated OpenCV Library with Lamassu open source BATM software to allow for Crypto QR wallet scanning and AI driven analytics primarily in JavaScirpt, HTML, CSS.

• Designed method to integrate MEI Cashflow flow and Fujitsu F-56 with Raspberry Pi 4 b+ using ATMEGA-328 for serial communication.

• Designed custom CSS using SCSS and Adobe XD for artboard web design and graphics.

• Designed web routing system for numerous websites to single IP using NGIX as a reverse proxy server. This includes certifications through Let's Encrypt and using Certbot custom .conf and Systemctl processes files for various processes to run continually.

• Forked and deployed customized Safemoon Solidity contracts to Binance Smart Chain Network- Front-end Progressive Web Application in development to interact with BSC Contract: 0x1eed928e8340ddcdfa2b7fb5adc0bb6aa3c7d029.

Training Program Development and Delivery

• Designed, developed, and rolled out technical Trampoline and Tumbling program for one of the largest gyms in the US. Consisting of 4 locations and the largest T&T competitive team in Norther California . Additionally, this program produced the most winning team regionally during my tenure at the gymnastics facility. The program uses a repetitive algorithm of simple exercises to produce consistent physical results across ages and body types.

Training Program Development and Delivery (Continued)

• Delivered working and usable code and directed clients on how to use the application.

• Designed written training program for multi gym facility and on site follows ups for QA.

• Managed over 150 apartment units as a property manager while working as a web developer.

Professional Experience

MkHorizon.com, Souslbyville, CA	2017 - present
Orvick Management Group, San Jose, CA	2016 - 2021
Imery's, San Jose, CA Analytical Department	2014 - 2016
Morgan Stanley, Menlo Park, CA Contracted VBA Developer	2015 - 2016
California Sports Center – San Jose, CA Trampoline and Tumbling, Program Manager	2013 - 2015

Education

-- BS. Biology, Alabama A&M University, Normal, AL

Technical Skills

Platforms: XP - Windows 10, Ubuntu 16.04 Unbuntu 18.04 Unbuntu 20.04, IC2, Raspberry Pi OS, iOS,

Languages: JavaScript, HTML, CSS, Python, C/C++, BASH, Solidity, JSON

Development tools: VSCode, Github, Microsoft Visual Studio, Remix, Geany, Nano, Pycharm

Web Servers: NGINX, APACHE,

Databases: MongoDB, SQLite, Berkley DB, Redis

Frameworks: Express, REST API

Front-End: Adobe XD, SCSS