Charles D. Gonzalez

FULL-STACK DEVELOPER

charlesderek.com/vr/

charlesderek177@gmail.com
786-597-2929
linkedin.com/in/charlesderek
github.com/charlesderek

PROFILE

Ever since writing my first program in Ruby and manipulating it to produce a desired output, I have been obsessed with the idea of using software to solve practical problems in the real world.

For my first professional contract, I was given the opportunity to lead a full UI/UX development of a small start up business and automation. My second contract involved building a full scale ecosystem. This contract quickly turned into a full time job for 2 and a half years and I have been happily expanding my role as a software engineer ever since.

SKILLS

JavaScript, NodeJS, ReactJS, PHP, Python (Flask, DJANGO), Golang, PostgreSQL, MySQL, MongoDB, Linux Mac and Windows Bash, GCP, AWS, Azure, IBM Cloud Digital Ocean, Heroku Cloud, Apache, Nginx, Docker, Compose, Kubernetes, Git, PowerShell, Encryption Ciphering, Full Cycle Production Development from start to finish.

EXPERIENCE

Software Development | Americas Professional Installers Network

JUL 2022, MIAMI, FL

- Developed a business management platform using Python/Django, React, Node.JS, GraphQL, MongoDB (MERN), and AWS to automate online processes. Resulting in improved cost-effectiveness

Software Development Management | The Recovery Units

JUL 2010 - 2020, MIAMI, FL

- Developed an internal accounting invoice management system with a postgresql database, scaffolding, inside the main Ruby on Rails web server with MERN API integration, which resulted in improvement in cost-effectiveness and faster customer response times.

Founder, CEO | MRGI Software & Technology

APR 2013 - CURRENT, MIAMI, FL

- Built an Internet of Things portal for an International Food Distributor, included 5 custom servers with full integration using Docker, Kubernetes, and L.A.M.P stack. Resulted in a reduction of 40% in labor costs for a vendor of large brands such as Walmart and Publix.

EDUCATION

BrainStation | Diploma Candidate, Web Development

MAR 2022 - MAY 2021, MIAMI, FL

Miami Dade College | Computer Science

AUG 2012 - 2022, MIAMI, FL

Certifications | Web Development

- BrainStation Web Development
- IBM Certified Cyber Security Analyst
- Developing Cloud Native Applications
- IBM Introduction to Cloud Computing
- IBM Web Development with HTML, CSS, JavaScript
- Containers w/ Docker, Kubernetes & OpenShift
- Developing Cloud Apps with Node.js and React
- IBM Python for AI and Application Development
- Coding in Google's Go (golang) Programming

PROJECTS

Project Tech Lead | BrainStation Hackathons & Projects

- Chance of rain change notifier application, made under 13 hours.
- A.I for detecting Objects on inserted photos, under 22 hours.
- VR interface application that helps employers better screen candidates (Capstone).