

Bryan Cruz Castillo

Software Developer

Looking to graduate in Information Tech and Management with experience working across the full stack of software development. I've built various projects by myself and in team settings. I'm looking for a role where I can grow and learn from other experienced team members.

WORK EXPERIENCE

Analytics Dashboard

Software Developer Intern

Chicago, IL | Aug 2020 - Dec 2020

- Developed an in-house web app using Angular that allowed employees, managers, and analyst have a clear overview of business analytics and health.
- Worked across the software development life cycle to gather user requirements and build and maintain the code.
- Helped team meet project deadlines and meet client expectations.
- Used: Angular 9, HTML/SCSS, Typescript, D3.js, Bootstrap, Angular Material

PROJECTS

Help-Desk Ticketing System (2018)

- Full Stack Monolithic Java Ticketing System Application for windows machines.
- Used: Java, MySQL, MariaDB, Swing (GUI), Git

AWS Collage App (2019)

- Deployed a PHP web app where users can upload their images to create a collage.
- Managed with aws cli scripts to deploy and manage EC2 instances, Load Balancers, S3 Buckets, and DynamoDB.
- Used: AWS CLI, AWS (EC2, S3 Buckets, Load Balancer, DynamoDB, SNS notifications, IAM), Vagrant/Packer, PHP, HTML/CSS, Bash

Network Vulnerability Scanner Script (2020)

- Shell script network vulnerability scanner built around NMAP with a terminal based GUI.
- Used: Bash, Shell Scripting, NMAP, Vulners, Git

Simon Says Breadboard Prototype (2020)

- Hardware and Software for a Simon Says game on the ESP8266 with local webserver feature
- Fritzing software to create initial circuits prototype template
- Used: Arduino C, Fritzing Software

Azure Mortgage Calculator (2021: Ongoing)

- Deployed a full stack cloud-based application (Front-end & Backend)
- Front-end deployed on an app service instance which takes user mortgage data. Places user entries in a queue for processing by the backend.
- Backend deployed on Azure Webjob. Processes data in the queue and stores the data in an azure storage table.
- Used: .NET Core 5, Azure CLI, C#, Azure (App Service, Webjob, Tables, Queues, Containers, Logging)

Contact Info

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github.com/TheGreatestHacker

SKILLS

Java, JavaScript, Python, Pearl, PHP 7+
MongoDB & MariaDB
Angular 9+, React, and .NET Core
Handlebars & PUG
REST API (Jakarta, Node/Express, FastAPI)
App Containerization
Microservice Architecture
Project Management
Bash and PowerShell 6+
Embedded Systems
Android App Dev
Virtual Machines
Azure & AWS Cloud
Unit Testing

EDUCATION

Illinois Institute of Technology
B.S. Info Tech and Mngmt.
2016-2021, Chicago, IL
STEM+ Scholarship
Dean's List (Spring 17 & Fall 19)
GPA: 3.4 / 4

Courses

Obj. Oriented Programming II
Data Structures and Algorithms
UML Software Development
Amazon Cloud Computing
Azure Cloud Computing
Service Oriented Architecture

Tools

GIT Version Control, Raspberry Pi 4, Bash
Terminal, Web Storm, VS Code, VS Studio,
Java EE, MySQL, Auth2.0, Heroku, AWS CLI,
Azure CLI, JWT, and Jira.