Jhonathan Daniel de Jesús Malagón

https://github.com/jhonyboy47
www.linkedin.com/in/jhonathan-malagon

https://jhonyboy47.github.io/
jhonathanmalagon@gmail.com

SUMMARY

Experienced Backend Software Engineer for 2 years. Proficient in Python, object-oriented languages, unit test and integration test frameworks. Skilled in database management, REST API development, passionate about working with cross functional teams and committed to delivering high-quality solutions through agile development practices and team collaboration.

EMPLOYMENT

Backend Software Engineer - FlightAware   **June 2022 – Current**
- Devised a script to archive data to back up database at FlightAware — Oct, 2022
- Composed first Helicopter Tracking Solution with Blue Sky Network's SkyRouter — Nov, 2022
- Facilitated the transition from FAA's TFMData's R13 to R14 — March, 2023
- Delivered company-wide monthly update meeting presenting major contributions — March, 2023
- Created first API for United Airlines to send data directly from aircraft to FlightAware servers — Dec, 2024

Continuous Software Improvement - Global Shop Solutions   **Summer 2021**
- Obtained complete understanding of the manufacturing processes **Quote to Cash**
- Created pivotal software solutions where all clients were more than satisfied with the work done
- Interacted with SQL databases that held large amounts of sensitive data for application functionality
- Delivered final presentation magnifying the essential aspects of GAB to the CEO and board of directors

SKILLS & STRENGTHS

Computer Skills: Python, C++, Jenkins Pipelines, GitHub Actions, Docker, Nix, TCL, C, Bash, Java, Kotlin, PHP, JavaScript, WordPress, Git, XML, HTML, CSS, SQL, jQuery, Django, Android Studio, GAB

Relevant Coursework: Data Structures, Algorithms, Software Engineering (1&2), Machine Learning, Information Security, Programming Languages, Programming Challenges I, Computer Networks, Computer Organization, Operating Systems, Game Theory & Networks, Web Applications, Web Programming **(REST)**, Mobile Applications, Sensor Systems, Robot Ethics

Auxiliary: Agile Development, Analytical, Problem Solver, Effective Communicator, Trustworthy, Proactive, Creative, Positive, Quick Learner, Team Leader, Team builder, Team worker, Organized, Fluent Spanish

CODING EXPERIENCE

Past Projects
- MOV Conference Website: https://movconf.com/
- My personal website (HTML, CSS, JavaScript, PHP): https://jhonyboy47.github.io/
- Pro Nails Website (AI): https://pronails-greenwood-village.com/
- Colorado School of Mines CrowdSourcing system (Python, Django, HTML, CSS, Team Liaison)

Hackathons
- UTD Hackathon - Created free iClicker solution to minimize expenses for college students — 2019
- ICPC Rocky Mountain Regional Contest — 2019 & 2020
- FlightAware Hackathon — 2022 *Winner* & 2023

EDUCATION

Colorado School of Mines, Golden, CO   **B.S. May 2022**
Major: Computer Science   GPA: 3.47

VOLUNTEER

Red Rocks Church: Small Group Leader, Prayer Team Member, Youth Volunteer

ACTIVITIES

Sports, Video Games, Music, Community Service, Spending Time With Friends