GV

GILBERT A. VASQUEZ
COMPUTER SCIENCES • SOFTWARE ENG. • CYBERSECURITY
(817) 655 - 1622

OBJECTIVE

To pursue a software engineering opportunity in a competitive environment that will challenge me to push my boundaries and expand my knowledge in the field of computer science while allowing me to add value to the dynamics of your company.

SKILLS

- Python
- C+ C#
- MySQL
- Java
- .Net Framework
- Angular
- Agile Development
- Data Structures and Algorithms
- Web Programming and Design
- HTML / CSS
- Database Systems & SQL
- Software Engineering
- Communication and Collaboration

EXPERIENCE

CHIEF TECHNOLOGY OFFICER • MUFFINTOP MOVERS LLC • JAN 2022 – PRESENT

- Collaborates with members of the executive team to identify ways IT can assist the company in achieving business and financial goals.
- Identifies new IS developments and technologies; anticipates resulting organizational modifications.
- Ensures that IT and network infrastructure adequately support the company's computing, data processing, and communications needs.
- Communicates goals, projects, and timelines of the company to the department; plans ways to execute those goals within the department.
- Assists as top-level contact for end users in determining IS requirements and/or solutions.
- Serves as the primary contact for all aspects of the organizations website(s).

JUNIOR SOFTWARE DEVELOPER • THINKWHY LLC DBA LABORIQ • JUL 2022 – JUNE 2023

- Led the upgrade of 4 monorepos and 2 applications from Angular version 9 to version 12, enhancing overall functionality and user experience.
- Developed and released numerous features that are currently operational in production, contributing significantly to the evolution of our application stack.
- Undertook significant investigative work, exploring potential areas for new feature development.
- Provided proofs of concept for various net new features, ensuring feasibility and value before proceeding to full-scale development.

CONTACT@LVASQUEZ.DEV

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- Writing and Presenting
- Research and Development
- Blockchain Technologies / Solidity
- TypeScript
- HubSpot
- Amazon Web Services (AWS)
- IT Operations
- IT Management
- Project Management
- IT Risk Management
- Computer Science
- Risk Management
- IT Strategy

CERTIFICATIONS

- Python – HackerRank
- Angular - HackerRank
- .Net Core – LinkedIn
- Agile Foundations – LinkedIn
- Algorithmic Thinking with Python – LinkedIn
- Python Data Structures and Algorithms – LinkedIn
- Statistics Foundations – LinkedIn

- Leveraged Angular extensively to build and improve the front end of our application stack, ensuring seamless, efficient, and user-friendly interfaces.
- Utilized Jira for effective project management and issue tracking, promoting an organized, transparent, and efficient development process.
- Demonstrated proficiency in using HubSpot and Mixpanel, leveraging these tools for efficient customer relationship management and data analytics respectively.
- Collaborated closely with other developers, project managers, and stakeholders to deliver quality software solutions in line with company objectives and customer needs.

INFORMATION TECHNOLOGY SPECIALIST / WEBMASTER • ABSOLUTE INTEGRITY MOVERS • JUNE 2016 – AUGUST 2020

- Managed information systems by assessing data processes and procedures, such as stocktaking, record-keeping, filing systems, and information distribution.
- Implemented data storage methods and assisted with the digitization of relevant files.
- Assisted clients with retrieving relevant information from the company's database, such as price lists and updated services.
- Served as the primary contact for all aspects of the organizations website(s).
- Developed, implemented, and maintained e-commerce applications in collaboration with the organizations retail operations, sales, marketing, and related departments.
- Encouraged and facilitated consistent, creative, and unified web design across the organization's web properties.

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EDUCATION

COMPUTER SCIENCE: COMPUTER PROGRAMMING • IN PURSUIT • CENTRAL METHODIST UNIVERSITY • JAN 2021 - PRESENT

- In pursuit of a Bachelor of Science in Computer Science: Computer Programming
- Relevant courses: Concepts of Management of Information Systems, Java Programming, Structural Programming I & II, Data Structures and Algorithms, Database Systems and SQL, Web Page Design, Electronic Commerce, Computer Architecture & Operating Systems, Computer & Information Security, Discrete Mathematics, and Ethics & Leadership.
- 3.54 Cumulative GPA

COMPUTER SCIENCE / CYBER RISK MANAGEMENT • AUGUST 2019 – JANUARY 2021 • DRURY UNIVERSITY – TRANSFERRED

- 3.40 GPA while in pursuit of BS in Computer Science as well as a BBA in Cyber Risk Management
- Took relevant computer science courses as well as calculus courses

HONORS DIPLOMA OF GRADUATION EMPHASIS ON STEM AUGUST 2015 – JUNE 2019 • ARLINGTON HIGH SCHOOL

- 4.0 Cumulative GPA
- Graduated in top 2% of class. #9 of 800+ students
- Scored in 99th percentile on PSAT
- CollegeBoard National Hispanic Scholar Honor Recipient
- 97th percentile on official SAT

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VOLUNTEER EXPERIENCE OR LEADERSHIP

- Wrestled during my time at Drury University. NCAA Division II Academic All American. Dean's List Honoree.
- Wrestled at Central Methodist University, where I was the varsity wrestler in the 125lb weight class. I became a leader amongst the members of the team. I ensured the success of my team both on and off the mat. Managed all social media and relevant websites for the team.
- Volunteer youth wrestling coach; Assists the head coach with supervising athletes during practices and competition.
- Volunteer web design / database design for The L40 Foundation—A nonprofit that works to send disadvantaged youth to summer camps.

PROJECTS / EXPERIENCE

• Angular – Extensive experience in designing and developing user interfaces using Angular best practices, including the successful upgrade of 4 monorepos and 2 applications from Angular version 9 to version 12. Developed various implementations of components and services, with many features now operational in production environments. HackerRank certified in Angular.

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• .Net Framework – Designed numerous applications and web applications using the .Net Framework and C#. .Net was the primary framework used during my studies in University, and later in professional work, including substantial contributions to the development of an application stack in a corporate environment.

• Python – Proficient in various data structures and algorithms implemented in Python. Built various Python scripts, ranging from simple OOP designs to more advanced machine-learning programs and beyond. Familiar with NumPY and Pandas modules, with the ability to use these tools for data analysis and manipulation.

• Data Structures and Algorithms – Solid understanding of primitive and non-primitive data types, with experience implementing these data types into structures such as stacks, queues, priority queues, and more. Proficient in various algorithms based on these data structures, including but not limited to: Breadth-first search, Depth-first search, A* Algorithm, Linear search, Selection sort, and Dijkstra's Algorithm. Also familiar with Decrease and conquer algorithms such as Binary search.

• Agile Development – In-depth knowledge of Agile development and SCRUM principles. Successfully utilized Jira for effective project management and issue tracking, promoting an organized, transparent, and efficient development process. Certified in the foundations of Agile Development by LinkedIn.

• IT Strategy – As Chief Technology Officer at Muffintop Movers LLC, strategized and communicated company's goals, projects, and timelines to the IT department, identifying new IS developments and technologies, and ensuring that IT and network infrastructure adequately support the company's computing, data processing, and communications needs.

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• IT Management – Managed all aspects of the organization's websites and effectively collaborated with executive teams, end users, and other stakeholders in determining IS requirements and/or solutions.

• Customer Relationship Management (CRM) and Data Analytics – Utilized HubSpot for efficient CRM and leveraged Mixpanel for data analytics, providing insights into customer behaviors and trends, and informing business decisions.