Nicholas R. Ghansyam

nicholas.ghansyam@gmail.com · 281 - 685 - 3181 · Houston, TX

EDUCATION

Bachelor of Science in Computer Science, Minor in Mathematics   **August 2019**

College of Natural Sciences and Mathematics, University of Houston, Houston TX

COMPUTER SKILLS

Languages: Python, C++, Java, HTML, CSS, SQL, C#, R, JavaScript, Node.js, MERN Stack, .NET Framework, PowerShell

Software: Microsoft Visual Studio, Microsoft Power Platform, Linux, Jupyter Notebook, mySQL Studio, Git, Jenkins

EXPERIENCE

Solutions Developer   **May 2022 – Jun 2022**

Allegiance Bank

- Develop multiple document generation automation to improve quality of life for stakeholders using built in tools and custom JavaScript modules
- Worked with an agile team of Business Analyst to ensure the stakeholders had full knowledge of the new tools and systems

IT Consultant - Energy Trading and Risk Management   **November 2019 – May2022**

Wipro Limited

- Providing technical and analytical expertise around a specific discipline or knowledge area for the client
- Contributing to the successful completion of specific consulting engagements
- Support the client by contributing to the successful operations, developments, and marketing activities of the client

S&T IT Developer, Chevron Corp (August 2020 – May 2022)

- Part of a worldwide team to design and upgrade Chevron's trading and risk management platform to .NET based.
- Created and debugged various SQL Stored Procedures used by Right Angle system to create contracts.
- Given full responsibility in the migration and troubleshooting of 100s of custom .NET jobs from old to new system.
- Part of a team of trainers to create and train clients business users the ins and outs of the upgraded system.

IT Developer, Guttman Energy (May 2020 – August 2020)

- Monitored and supported over 14,000 incoming prices daily for commodity trading.
- Assisted in setting up management and mapping tools with incoming prices using Microsoft Biztalk Server and custom .NET applications to ensure commodity trades are parse, staged, and ready for Openlink's RightAngle, a commodity trading and risk management platform software
- Developed and tested PowerShell scripts to supply RightAngle staged prices to ensure business is getting up to date data for day-to-day trading

S&T IT Support, Chevron Corp (Nov 2019 – April 2020)

- Practiced Scaled Agile Framework to assisted cross functional collaboration within Gas Supply and Trading (GSAT) product lines using Azure DevOps
- Developed Microsoft PowerApps to provide useful information on various applications to S&T IT group
- Automated action items to facilitate Infrastructure Team on day-to-day operations using Microsoft Power Platform
- Experienced multiple deployments and releases to end business users using continuous integration practices

PROJECTS

Full stack Node.js Application using a Map API to build a midpoint finder between two locations

- Fetched data from a mapping API to generated areas of interest for a potential meeting location between to starting locations
- Created CRUD connections between our front-end services to a MongoDB database, manipulating the data in a useable format using
- Developed a Node.js and Express backend to handle requests and response while utilizing the Model View Controller practice
- Designed and created a user-friendly front-end using HTML and CSS to showcase all the necessary information

Developed a Game from the ground up with a team

- Created a game using C# within Unity engine that placed 3rd in an augural local game development competition.
- Developed AI path-find algorithms and game-logic for the player to interact with the world
- Designed and created the playable world in which the player interacted with

Artificial Intelligence Pathfinding Simulation using Python

- Developed with a group a real time path finding algorithm using Q-learning and SARSA algorithms
- Encouraged a developed AI agent based on a reward system to sort out an optimal path based on a given "world"