AABHAS KHAREL

Software Engineer | Associate Programmer at First Command Financial

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OBJECTIVE

Seeking for a Software Developer position in a fast growing organization to utilize expertise in software development and testing, as well as deployment and support using agile development methodologies.

TECHNICAL SKILLS

Programming	Python, C#/.NET, C/C++, SQL/NoSQL, Java
Web & Design	HTML5/CSS3/JavaScript, BootStrap/jQuery, Flask, Angular, Vue.js, Node.js/Express, Flutter
Databases	MySQL, PostgreSQL, MongoDB
Others	Git, RESTful API, SpecFlow/Gherkin, Firebase, Flutter, Unix/Linux, Microsoft Azure

EXPERIENCE

Associate Programmer

First Command Financial Services – Fort Worth, TX   *September 2020 – present*

- Implement different UI components using Angular and build API endpoints using C#/.NET.
- Implement automated testing using Specflow/Gherkin.
- Write regression and smoke tests to test in QA.
- Participate in software deployment release.
- **Tools used:** C#/.NET, Angular, SpecFlow, Microsoft Azure

Information Services Intern

Mouser Electronics – Mansfield, TX   *June 2020 – August 2020*

- Implemented a Micro web-service to allow B2B customers to upload xml invoice files.
- Designed and implemented an automation tool to interact with the Network Load Balancers.
- Working on company's customer detail page to implement efficient and effective email filter feature.
- **Tools used:** Python, Flask, Linux, Perforce, Elastic Search, MinIO, Jenkins

Front End Developer Intern

Got It – Pisa, Italy   *March 2019 – June 2019*

- Designed and developed the front end prototype for the company's official website using Vue.js.
- Supported the team to design and develop the Web and NoSQL Database architecture.
- **Tools used:** Vue.js, JavaScript, Firebase

Research Trainee

Department of CSE at UTA – Arlington, TX   *February 2018 – June 2018*

- Designed an efficient Trie data structure and wrote multiple unit tests.
- Performed research on various tree based key-value storage for small data items.
- **Tools used:** C, C++, Python

PROJECTS

Discord Server Bot

Personal project - **Tools:** *Python, Aplaca, Discord*   *February 2020*

- Built a assistant Bot using Python for Discord application that tracks Stock prices and User trade history.
- Used Aplaca API to integrate stock trading algorithms and buy/sell trigger operations.
- Currently being used by three different Discord channels.

CardRoot - Web Game

Course project - **Tools:** *C#/.NET, JavaScript, Microsoft Azure*   *January 2019*

- Built a web app containing three different card games using C#/.NET framework.
- Implemented bot features along with a three difficulty levels for single player mode.
- Deployed using Microsoft Azure.

Smart Journal

HackUTA 2018 - **Tools:** *Vue.js, PostgreSQL, Flask*   *October 2018*

- Won the Facebook's Best Community Building Project challenge.
- Built a web app to keep track of your hourly activities and provide data visualization on user's data.
- Designed the user interface using Vue.js and set up back-end using PostgreSQL database and Flask web server in Python.

EDUCATION

The University of Texas at Arlington   **May 2020**

Bachelor of Science in Software Engineering

GPA 3.74/4.00