SHAHRUKH QURESHI

647-575-1565   shaleequreshi2019@gmail.com   Website   GitHub

WORK EXPERIENCE

Full Stack Software Developer (April 2020 – September 2020)
TopDollarInvestments.net

- Developed frontend of the company website using NodeJS, JQuery, CSS, and HTML.
- Implemented MongoDB clusters to store financial and personal data of clients.
- Implemented Firebase API with Node to develop Administrator portal with user authentication and secure page routes for client and employee usage.

TECHNICAL SKILLS

General:	Java, JavaScript, Python, C, Dart, ARM
Front-End Technology:	React, JQuery, Django, HTML, SASS, CSS, Bootstrap, Semantic UI
Back-End Technology:	NodeJS, Python, Firebase, AWS
Additional Technologies:	Git, Firebase, MongoDB, MySQL, Unix, Apache HTTP, Unix systems

PROJECTS

A* Pathfinding Algorithm Visualizer   Python, PyGame, Manhattan Distance, Heuristic Functions

- Determines most efficient path between start and end node with the usage of a heuristic function
- The absolute distance from the start and end node is calculated using the Manhattan Distance Principal

Virtual Hackathon Platform   React, NodeJS, Firebase Database + Storage, Firebase Rest API, GitHub Pages

- Implemented JavaScript frameworks to develop an online platform to host virtual hackathons
- Reusable component-based development using ReactJS
- Single threaded non-blocking I/O backend development using NodeJS
- User Authentication using JSON Web Tokens
- User information such as their email, UID, team name, etc. is stored in a NOSQL Database

Whitehare   Python, Django, Pillow, SQLite, HTML/CSS

- Implemented Django for URL routing and for dynamic page rendering from a single HTML template
- Designed complex user models
- Perform queries and modify user data that is stored in an SQLite Database
- Django forms perform User Authentication to allow access to protected routes
- Users are automatically redirected to an Admin Portal if their Session Token ID holds true for an Admin
- Designed a blog model page to allow authenticated users to perform CRUD functionality
- Implemented Pillow for image rendering