Ahmed Abdelaal

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Education

Southern New Hampshire University   Oct 2016 - Jan 2019
Information Technology
- Cumulative GPA: 3.7/4.0
- Relevant Coursework: Software Engineering; Operating Systems; Database Design; SDLC

Experience

Software Development Mastermind   July 2020 - Present
Support Coach   Remote
- Contributed to Q&A documentation to increase resolution time for common issues.
- Educated students about the HTTP protocol and proper API/Endpoint design.
- Performed code reviews and gave feedback to increase code readability and speed.
- Helped students design their database schema and table relations.
- Refactored students' projects according to software engineering best practices.
- Resolved Heroku deployment issues.
- Mentored students on how to plan, develop and deploy their projects.

Independent Projects

Chat-App
- Technologies used; React, Node, Express, PostgreSQL, and hosted on Heroku
- A Full Stack application similar to Slack where users can post messages in public channels and privately to other logged in users.
- The backend of the application serves the client, handles API calls to the database, manages session authentication, user authorization, and encryption/decryption of sensitive information.

Live Site: https://aa-chat-application.herokuapp.com/
Source Code: https://github.com/shrki416/Chat-App

Twitter-Showcase
- This is a full stack application built with Node, Express server-side and React client-side
- Utilizes Twitter's open source API to display tweets based on user input.
- Express server handles API requests, then the response gets parsed and sent to the client to be displayed.

Live Site: https://safe-oasis-61793.herokuapp.com/
Source Code: https://github.com/shrki416/Twitter-Showcase

Star Wars App
- This is a Single Page Application built with React, styled with Semantic UI, and hosted on Netlify
- Leverages a third party API to fetch and display data to the user.
- The user has the ability to search and paginate through characters.

Live Site: https://aa-starwars.netlify.app/
Source Code: https://github.com/shrki416/starwars

Skills

- **Proficient:** Javascript, React, Node, PostgreSQL, Git, Express, HTML, CSS, Heroku, Netlify
- **Frameworks/Libraries:** NextJS, Gatsby, Bootstrap, Material UI, Semantic UI
- **Systems**: Linux, OSX, Windows, Unix
- **Familiar**: Python, Flask, MongoDB, Figma