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EDUCATION

Bachelor of Engineering in Computer Science

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The University of Texas, Arlington.

TECHNICAL SKILLS

Programming languages: Java, Python, JavaScript, HTML, CSS, C, C++.

Other Technologies: SQL, Visual Studio, Eclipse, GitHub, MATLAB, MS Word, Excel & PowerPoint.

Operating Systems: Windows, MacOS, Ubuntu

Courses: Object oriented programming, Data structure and Algorithms, Calculus, Databases, Computer Networks Organizations, Linear Algebra for CS, Operating Systems.

PROJECTS

Stock Market App [Java, Android Application]

- The UI designed with Android Studio and XML. Java to control the behavior in backend.
- Firebase Realtime DB along with Authentication feature to store, validate and manage user data like login/registration details and in-app data.
- A stock market API to fetch real-time as well as all-time stock prices with high, low, volume, etc. for any company the user wants to see. The data is then organized to render in app as needed and used the price values to design charts with python [matplotlib].

Burger Builder React App [React, JavaScript, Responsive app]

- A React app with responsive features and beautiful User Interface and supportive backend coded in React framework along with JavaScript, HTML and CSS accordingly.
- A solid validation checks that makes app more powerful and increases data safety.
- Dynamic handling of data and implemented component lifecycle methods.

Budget Calculator [JavaScript, DOM Manipulation]

- Object-based data handling technique to create responsive, interactive features, using HTML, CSS, and JavaScript.
- The Document Object Model (DOM) technique to operate HTML, CSS with JavaScript to manage events effectively.
- Implemented CSS for beautiful UX of the web page and maintain content adequately.

Student Management System [Java, OOP Data Handling]

- A Java environment software that manages institutional level student as well as administrator information.
- All student data is kept and managed using Object-Oriented programming and structures.
- The students can manage their profile, enroll in courses, check their tuition balance, make payment and get their account summary.

Movie Ticket App [C, Data Structure model]

- Designed a predictive model using data structures like, Linked List, Stack, Queue, BST.
- Applied relative decision structure, that works in accordance with user's selection.
- Implemented multiple inbuilt as well as custom libraries to make code more efficient dynamically and realistic.

OBJECTIVE

- Apply my technical skills to real world applications and looking to leverage my knowledge and experience into this role of software developer as an intern and contribute to company's growth and success. Dedicated to learning new technologies and become a good fit as a developer intern.