Md Yusuf

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SUMMARY

As a recent Computer Science and Engineering graduate, I want to apply my knowledge and skills in a challenging and rewarding role in this field. I am a fast learner and have a strong passion for technology and its advancements. I believe that I can adapt to new technologies and programming languages and I always want to learn more.

EDUCATION

- **Chandigarh University**   Punjab, India
  Bachelor of Engineering - Computer Science And Engineering   *July 2018 - July 2022*
  Courses: *Programming Languages, Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Computer Networks, Databases.*

SKILLS SUMMARY

- **Programming**:   Java, JavaScript, C++, SQL
- **Frameworks** :   React, jQuery
- **Web Technology**:   HTML, CSS, Bootstrap
- **Tools And Platforms**:   Windows, Linux, GIT, Eclipse, MySQL, Apache

PROJECTS

- **YouTube Clone** | *React, Redux, Firebase and YouTube API*   [github.com/link]
  - A fully functional YouTube clone developed using modern web technologies: React, Redux, Firebase, YouTube API, CSS, HTML and JavaScript.
  - Implemented user authentication using Firebase Authentication for registration, login and logout functions.
  - Integrated with YouTube API for fetching video data for seamless video playback and user interaction.
  - Used Redux for state management and implemented a responsive UI using CSS and HTML for a seamless user experience across devices and screen sizes.
  - Implemented video player functionality using JavaScript to add features such as video search, recommendations, and user interaction (likes, comments, shares, etc.).

- **Shopping Cart - Ecommerce Website** | *HTML, CSS, JavaScript and PHP*   [github.com/link]
  - The Shopping Cart website is an e-commerce platform that allows customers to browse and purchase products online.
  - The front-end development uses HTML, CSS, and JavaScript to create a responsive design that works well on all devices and screen sizes.
  - The back-end development uses PHP to handle website's logic, such as processing payments and managing inventory.
  - The website includes a product catalog, a shopping cart, a checkout page, payment processing, and user authentication and authorization.
  - The website is thoroughly tested, deployed on a web server, and regularly maintained and updated to fix any bugs and security vulnerabilities.

- **Smartify - Home Automation** | *Firebase, Nodemcu, Android App*   [github.com/link]
  - Smartify - Home Automation is an Android app that automates the control of devices in a home.
  - The project uses Firebase as the backend service to store data and communicate between the app and NodeMCU microcontroller.
  - NodeMCU is a microcontroller that uses the ESP8266 Wi-Fi chip to connect devices to the internet and control them.
  - The Android app sends commands to the NodeMCU to control devices such as lights, fans, and other appliances in the home.
  - The app also allows users to create schedules, timers, and monitor the energy consumption of their devices.
  - Smartify - Home Automation is a convenient way to make a home more comfortable and efficient while saving time and energy.

ACHIEVEMENTS AND ACTIVITIES

- Solved 430+ Data Structures and Algorithms questions at LeetCode. [LINK]
- Solved Data Structures and Algorithms questions at GeeksforGeeks Also. [LINK]
- Completed C, C++ Training through IIT Bombay, in collaboration with Chandigarh University.

COURSEWORK

- Java Programming: Solving Problems with Software by Coursera. [LINK]
- Building Modern Python Applications on AWS by Coursera.[LINK]
- DBMS by NPTEL[LINK]
- Received numerous certificates in different domains from Coursera, Udemy And Internshala. [LINK]