Amaan

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EDUCATION

Shiv Nadar University   Aug 2020 – present | Delhi NCR, India
Bachelor Of Technology
  Computer Science Engineering
  CGPA: 8.01

La Martiniere College   Jul 2018 – May 2019 | Lucknow, India
Higher Secondary School
  Grade: 82.3% (PCM)

PROJECTS

Iris Messenger ✎   Apr 2023 – present
Chat Application - ReactJS, Firebase
- Developing a secure, real-time chat app using React.js and Firebase, leveraging Firebase's speedy real-time database operations (avg: 100ms, worst case: 160ms) for efficient communication.
- Enabling seamless access to chat history from any device, facilitating uninterrupted conversations on the move.
- Implemented Firebase authentication service such that user-specific secure accounts can be created and authenticated, which resulted in 42% better user experience ratings.

Microsoft Engage'22 American Sign Language Recognition ✎   Apr 2022 – Jun 2022
Java, OpenCV
- Developed an Android application for Microsoft Engage '22 integrating OpenCV libraries for real-time hand gesture detection and sign language alphabet prediction.
- Utilized a pre-trained TensorFlow Lite model to accurately predict sign language alphabets and convert them into words using a custom-built module.
- Implemented text-to-speech functionality to enhance accessibility for users with hearing impairments.
- Achieved an average word accuracy of 88%, resulting in enhanced performance and user satisfaction.

Qblock ✎   Mar 2022
Ad-Blocking Chrome Extension, JavaScript
- Created and deployed a powerful Chrome extension for LinkedIn, leveraging JavaScript to effectively remove ads, resulting in a 90% decrease in ad visibility. This significantly enhances the browsing experience and promotes focused engagement with relevant content.
- By modifying the attribute display, the extension efficiently removes all intrusive ads present.
- Successfully blocked 95% of ads with high efficiency, significantly enhancing user experience by removing the majority of intrusive content

SKILLS

Languages (*Java, C/C++, MySQL, JavaScript, HTML5, CSS3*)

Developer Tools & Frameworks (*ReactJS, Linux, Git/GitHub, VS Code*)

General (*Data Structures and Algorithms, Object Oriented Programming, Database Systems*)

POSITIONS OF RESPONSIBILITY

ACM - Association for Computing Machinery   Jun 2022 – present
Lead of Design team
- Organized and led a team of 12 members for Glitch, an all-India hackathon, overseeing the successful execution of the event from planning to implementation

Pixels SNU   Mar 2021 – Feb 2023
Associate Secretary
- Successfully organized and led the club fair, featuring interactive games, engaging activities, and photography competitions during two annual cultural fests, resulting in increased membership and widespread participation.