ADITHYA T R

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Experience

Aspire pay Later   **May 2022 – August 2022**
Software Development Engineer Intern   *Remote*
- Analyzed area of interest of over 7000 customers based on Geo location data using Google maps API
- Designed and developed key features for an ML model, leveraging advanced algorithms, resulting in a 4% increased accuracy rate in predicting defaulters and non-defaulters, significantly improving risk assessment and decision-making processes.
- Utilized data-driven approach to assess and evaluate 7 data source API's, strategically selecting the most suitable option to drive effective feature engineering and maximize impact.
- Collaborated cross-functionally with multiple departments to streamline customer query resolution, reducing response time by 20% and enhancing overall customer satisfaction.

Data Science Wizards   **Nov 2020 – Dec 2020**
Software Development Engineer Intern   *Remote*
- Created a highly accurate Liveliness Detection model using ML-Kit API, analyzing video source images to successfully differentiate between genuine and counterfeit individuals, ensuring robust security in authentication systems with a remarkable 98% accuracy rate.
- Employed API-driven eye-blink detection to attain a remarkable 90% accuracy rate in verifying liveliness, reinforcing the security of facial recognition systems.
- Provided technical expertise and guidance in content creation, driving a 10% growth in audience reach and fostering a strong online presence.

Projects

Vidly | *Node Js, React Js, MongoDB* | Video | Github | Live
- Crafted a secure movie rental website using HTML5, CSS3, JavaScript, and ReactJS. Implemented a robust login and registration feature with JWT token-based authentication, ensuring seamless user authentication and data privacy for an enhanced user experience.
- Orchestrated the implementation of Axios for API integration and CRUD operations, effectively bridging the gap between front-end and back end systems; introduced features such as filtering, sorting, and pagination, resulting in a seamless movie browsing experience with improved performance and user satisfaction.
- Achieved seamless deployment of the Vidly movie rental website on the cloud, harnessing the power of scalable cloud services to optimize availability and deliver an exceptional user experience.

Moshify | *HTML, CSS* | Video | Github | Live
- Built a static HTML, CSS web page for Web Hosting called Moshify.
- Demonstrated deep domain knowledge by applying industry best practices in typography, CSS naming conventions, image load time optimization from 531ms to 42ms using css sprites, responsive design, and animations.
- Applied good typography practices to enhance visual appeal and user experience. Utilized BEM naming convention in CSS3 classes, ensuring clean and maintainable code structure.
- Achieved flawless deployment of the static website on Netlify via GitHub, guaranteeing seamless hosting and distribution of web content, resulting in a 20% reduction in loading time and a 15% increase in overall website performance..

Education

Sampoorna Institute of Technology and Research   **August 2021**
Bachelor of Technology in Computer Science   *Ramanagar, Karnataka*

Achievements

- Ranked 2422 out of 22000 people in Leetcode Biweekly contest 109.
- 81st Global Rank Codechef Long out of 21,000 participants top 0.0038%
- Solved 400+ problems on Leetcode.
- 1982nd Global Rank Codechef Long out of 20,000 participants top 9%

Profile Links

- Github
- LinkedIn
- Leetcode

Technical Skills

Languages: C++, HTML, CSS
Technologies/Frameworks/Libraries: JavaScript, ReactJS, Data Structures & Algorithms, OOPS.