

# ADITHYA T R

Bangalore, Karnataka, India

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## Technical Skills

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**Languages:** C++, HTML, CSS

**Technologies/Frameworks/Libraries:** JavaScript, Typescript ReactJS, Data Structures & Algorithms, OOPS.

## Experience

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### 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.
- 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.

### 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, 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

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### GameHub | *React Js, Typescript, react-query, zustand* | [Video](#) | [Github](#) | [Live](#)

- Developed "gamehub," a React and TypeScript-based video game discovery app, implementing efficient caching with React Query and Zustand for enhanced performance.
- Enhanced user experience by incorporating Dark Mode, Infinite Scrolling, and optimized image loading using Chakra UI.
- Ensured code maintainability and robustness by adhering to SOLID principles, utilizing custom hooks, and enforcing Single Responsibility and Separation of Concerns.

### Vidly | *React Js, MongoDB* | [Video](#) | [Github](#) | [Live](#)

- Crafted a 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.
- 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

## Achievements

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- 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%

## Education

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**Sampoorna Institute of Technology and Research**

*Bachelor of Technology in Computer Science*

**August 2021**

*Ramanagar, Karnataka*