DANISH AGARWAL

Software Developer - Portfolio +91-8767260625

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Experience

Tata Consultancy Services   **Mumbai**
Systems Engineer   *Jul 21 - Present*

- Developed and maintained responsive and user-friendly web applications using **ReactJS**.
- Implemented a **timeout** functionality for the client's main portal, enhancing user session management and improving overall security.
- Achieved a **30% reduction** in module loading time, amplifying overall application performance and user experience..
- Utilized **Redux** for efficient state management, maintaining a centralized application state for complex ReactJS applications.
- Actively contributed to documentation efforts, creating clear and concise technical documentation for fellow team members.
- Spearheaded the complete automation of manual access provision and deprovision processes for the Pfizer support team.
- Used **Agile Development** tools such as Jira, qTest, Vera to handle onboarding of new clients.

Trivia Softwares   **Thane**
Software Engineer, Intern   *Jun 19 - Aug 19*

- Gained exposure to a range of Python 3.x technologies
- Successfully developed and deployed a Student Management System, providing essential CRUD (Create, Read, Update, Delete) functionalities.

Education

Mumbai University   **Mumbai**
Bachelors of Engineering in IT, 8.54 CGPA   *Jun 17 - Jul 21*

- **Selected Coursework:** Operating Systems, Databases, DSA, Web Development, Python, Java
- **Awards:** Scored 93/100 in Microsoft Technology Associate Exam Python Programming (MTA 98-381), Scored 10 pointer in Data Structures and Algorithms, Scored 10 pointer in Python Programming

Personal Projects

NetflixGPT - Github

- Integrated the application with TMDB to fetch detailed movie information, enhancing the content richness of the search results.
- Implemented Firebase for user authentication, providing a secure and seamless login experience.
- Developed and integrated a **GPT based search feature** , allowing users to find movies by specific categories or descriptions, such as "Bollywood funny movies."

YouTube - Github

- Developed a YouTube-like application featuring **live data** retrieval from YouTube's open API.
- Implemented **debouncing** for the search bar for efficiency of the application and created a **nested** commenting system similar to Reddit.
- Utilized Redux to effectively manage the sidebar in the whole applicaton.

Dan's Food Town - Github

- Developed an application similar to Swiggy, integrating real-time data retrieval from the Swiggy API.
- Employed **Parcel** instead of Webpack, implemented **Lazy Loading** for enhanced performance.
- Utilized Redux to efficiently handle the application's shopping cart functionality.

Team Portal - Github

- A portal designed where we have a login system for the admin and the user
- Empowered administrators with the capability to create new teams and effortlessly manage team members with **Flask**.
- Enhanced the user experience by allowing team members to access information on their colleagues and organizational hierarchy within the portal.

Technical Skills

Languages: Python, JavaScript
Technologies/Frameworks: ReactJS, TailwindCSS, Flask, MySQL