

DHANUSH GANESH

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EDUCATION

CALIFORNIA STATE UNIVERSITY, DOMINGUEZ HILLS. Masters in computer science (GPA 3.37).

(Aug 2022 - May 2024)

TECHNICAL SKILLS

Programming Languages: JavaScript(experienced), Python(experienced) and TypeScript(intermediate).

Web technologies: React, Node.js, Express, Next.js. **Databases:** MySQL, MongoDB, PostgreSQL.

Technical skills in AWS, Docker, Git, and development tools (Visual Studio).

PERSONAL PROJECTS

Web Application | Course Selling Application

(Oct- 2023)

- **Developed a Course Selling Web Application:** Designed and built a user-friendly web application using React.js for the frontend and MongoDB for the backend to enable administrators to create, update, and publish courses seamlessly.
- **Enhanced Security and User Authentication:** Implemented robust security measures by integrating bcrypt for password hashing and JWT token-based authentication, ensuring a secure user experience.
- **Optimized Frontend Efficiency:** Utilized React reconcilers to enhance frontend performance, providing users with a seamless and efficient course browsing and learning experience.
- GitHub Link: <https://github.com/Dhanush295/CourseSellingApp>

Web Application | TODO App

(Oct- 2023)

- **Accomplished Proficiency in the MERN Stack:** Demonstrated proficiency in the MERN (MongoDB, Express.js, React.js, Node.js) stack, measured by successfully developing a web application called TODO App using React.js, JavaScript, and Express.js.
- **Enhanced Full-Stack Development Skills:** Strengthened full-stack development skills through independent project work, showcasing the ability to design and implement features such as task creation and deletion within the TODO App.
- **Improved Problem-Solving Capabilities:** Developed and applied strong problem-solving capabilities in the context of web application development, addressing challenges encountered during the creation and maintenance of the TODO App.
- GitHub Link: <https://github.com/Dhanush295/ToDo-Application>

Web Application | Weather App | React.js:

(Oct- 2023)

- **Achieved Seamless API Integration:** Accomplished seamless API integration in the development of a React-based Weather App, ensuring real-time weather data access for users. This was measured by a substantial decrease in API response times and the successful implementation of Open Weather and Rapid API, resulting in a more dynamic user experience.
- **Enhanced User Experience:** Elevated the user experience by implementing asynchronous operations and efficient state management in the Weather App. This accomplishment was measured by a noticeable improvement in the app's responsiveness and reduced loading times, resulting in a user-friendly interface.
- **Optimized Error Handling:** Demonstrated proficiency in error handling, significantly reducing the occurrence of application crashes or downtime. This was measured by a decrease in bug reports and a smoother, more reliable Weather App, improving user satisfaction and retention.
- GitHub Link: <https://github.com/Dhanush295/Weather-App>

CERTIFICATION

- Python | GUVI | May '21
- Build face recognition application using Python (AI) | GUVI | May '21

ACHIVEMENTS

- KSCA South Zone U-14 & U-16.
- 4th place in Inter college Cricket Tournament.
- 1st place in south zone League Matches.