Yadhnesh Gangurde

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Education

Pune Institute Of Computer Technology   Jun. 2022 – Jun 2025
Bachelor of Engineering in Computer Engineering   *CGPA. 8.89*

Government Polytechnic, Nashik   Jun. 2019 – Jun 2022
Diploma in Information Technology   *Percentage. 96.06*

Relevant Coursework

- Data Structures
- Computer Networking
- Operating System
- Software Engineering
- Database Management
- Software Testing

Experience

Pune Institute Of Computer Technology - Inhouse Internship   Jan 2024 – March 2024
Project Intern   *Pune, Maharashtra*

- Implemented ResNet-50, a deep learning approach, for detecting driver distractions in four-wheeler cars.
- Utilized the State Farm Distracted Driver Dataset to train and evaluate the model for real-world scenarios.
- Successfully published a research paper titled "Towards Safer Roads: A Deep Learning Approach to Driver Distraction Detection in Four-Wheeler Cars" in the International Journal for Multidisciplinary Research.
- DOI: 10.36948/ijfmr.2024.v06i03.19876

Projects

Vido-Chat (Video Chat Application) ⬛ | *WebRTC, React, Socket.io, Nodejs*   Sept 2024

- Developed a video chat web application enabling real-time video communication using **WebRTC and Socket.io.**
- Used React **Context API** for efficient state management, handling user authentication, socket connections, and room data.
- Designed a responsive UI using **Material UI**, providing a clean and intuitive interface.

PIRATES HUNT (Treasure Hunt Website) ⬛ | *React, Redux, Tailwind*   Jan 2024

- Utilized **Redux** for state management, ensuring seamless interaction between components and centralized data storage.
- Designed a responsive web interface using **Tailwind CSS**, ensuring optimal viewing across devices.
- Integrated frontend with **APIs**, enabling smooth backend communication for enhanced functionality.
- Developed user-friendly UI components with React, improving the gameplay experience and making navigation more intuitive.

QRoll-Call Backend (Attendance Tracking System) ⬛ | *Node.js, Express, MongoDB*   April 2023

- Developed a backend system for an Attendance Tracking System using **Node.js and Express**, ensuring efficient API creation and management.
- Used **MongoDB** for scalable data storage, allowing efficient database management.
- Integrated **JWT** authentication for secure access control, ensuring data integrity and user authentication.
- Implemented **bcrypt** for password encryption, enhancing security and protecting user credentials.

Technical Skills

Languages: C, C++, HTML/CSS, JavaScript,SQL
Libraries/Frameworks: React.js, Node.js, Redux, Context API, Tailwind CSS, Material UI
Databases: MySQL, MongoDB
Miscellaneous: Git, GitHub, REST API, JSON

Extracurricular

- Secured First Rank in the IT Branch during Diploma.
- Finalist of Unscript rookie hackathon organized by ACM CRCE and CSI CRCE.
- Winner of Pulzion web+app dev competition organized by PICT ACM club PASC.