

Manush Prajwal

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manushpotfolio.vercel.app | linkedin.com/manush-prajwal | leetcode.com/manushprajwal

Education

B.E. in Computer Science and Engineering, The Oxford College of Engineering Sept 2021 – Present
CGPA: 8.4

Pre-University Course (PCMC), Alvas PU College, Moodubidre June 2019 – May 2021
Percentage: 92.6

Projects

- **Student Hub** – College community platform to connect, share resources, jobs, issues, and scholarships. (Next.js, Firebase)
Problem Solved: Lack of a centralized platform for students to access important resources and opportunities.
Impact: Fosters a more informed and collaborative campus environment.
Live: student-hub-mp.vercel.app
GitHub: github.com/Manushprajwal7/student-hub
- **Accessible Travel Destinations** – Helps disabled travelers find accessible destinations. (React, Express.js)
Problem Solved: Difficulty in finding travel destinations and accommodations that are accessible.
Impact: Promotes inclusive travel experiences with accessibility information.
Live: accessdestinations.netlify.app
GitHub: github.com/Manushprajwal7/travel-guide
- **Portfolio Site** – Personal portfolio website to showcase projects and skills. (TypeScript, JavaScript)
Problem Solved: Difficulty in effectively showcasing skills and projects.
Impact: Enhances career opportunities with a structured and visually appealing portfolio.
Live: manushpotfolio.vercel.app
GitHub: github.com/Manushprajwal7/Potfolio
- **Trip Expenses Tracker** – Expense-sharing tool to simplify expense tracking for group trips. (React, Node.js)
Problem Solved: Managing and splitting expenses among group travelers.
Impact: Reduces financial disputes and makes group travel more organized.
Live: tripbudgettracker.vercel.app
GitHub: github.com/Manushprajwal7/trip-expenses-tracker
- **Advanced Intrusion Detection System** – Cybersecurity tool to detect and prevent network intrusions. (Python, JavaScript)
Problem Solved: Rising cybersecurity threats and network intrusions.
Impact: Strengthens cybersecurity by proactively detecting and preventing malicious activities.
GitHub: github.com/Manushprajwal7/Advanced-intrusion-detection-system

Freelance

- **The Hawk Fit Hub** – Gym website (CSS, JavaScript) - Showcase services and classes.
Problem Solved: Many gyms struggle with a weak or non-existent online presence, limiting their ability to reach potential members and showcase what they offer.
Impact: This website provides a central hub for the gym, highlighting services, classes, trainers, and memberships.
Live: hawkfithub.vercel.app
GitHub: github.com/Manushprajwal7/hawkfithub

Publications

Diabetes Mellitus Diagnosis using Optical Ring Resonators Feb 2024 Published in: IEEE INDIACom 2024
Problem Solved: Current diabetes diagnosis methods can be invasive, time-consuming, or require specialized equipment. Early diagnosis is crucial for effective management.
Impact : Non-invasive and rapid diagnostic approach using optical ring resonators, which could lead to earlier and more accessible diabetes detection, improving patient outcomes and quality of life.
Publication Link : Diabetes Mellitus Diagnosis using Optical Ring Resonators

Technologies

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL
Frontend/Backend: React, Next.js, Express.js, Node.js
Version Control/Cloud: Git, Docker, Firebase
Databases: PostgreSQL, MongoDB