

# 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