MANUSH PRAJWAL

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PROJECTS

1) Student Voice (SaaS Platform): A fully integrated Software-as-a-Service (SaaS) solution built with Next.js, offering a dynamic full-stack web application. Designed as a community platform for college students to raise concerns and collaborate on issues in a centralized environment.
2) Bike Brains (SaaS Platform): A comprehensive full-stack web application built using the MERN stack (MongoDB, Express, React, Node.js). Serves as a global community for auto enthusiasts to discuss, troubleshoot, and share solutions for automobile-related challenges.
3) Advanced Intrusion Detection System: A cybersecurity tool developed with Python and JavaScript, designed to detect and prevent unauthorized intrusions within a host system, enhancing system security and resilience against cyber threats.
4) Task Manager App: A full-stack mobile application built with React Native, designed for efficient task management. Allows users to create, organize, and track day-to-day tasks with features for categorization, prioritization, and deadline management

TECHNOLOGIES & TOOLS :

- Version Control & Containerization: Git, Git Hub, Docker
- Cloud & Databases: Firebase, PostgreSQL, MongoDB
- Development & Testing Tools: Postman, Android Studio
- Scripting & OS Tools: Bash
- Programming Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL
- Frontend & Backend Development: React, Next.js, Express.js, Node.js

Research Publications

Diabetes Mellitus Diagnosis using Optical Ring Resonators
Published in: 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom)
Date of Conference: 28 February 2024 - 01 March 2024
Brief description: This research focuses on the utilization of optical ring resonators for early diagnosis of Diabetes Mellitus, highlighting innovative detection methodologies and potential implications for non-invasive medical diagnostics.

EDUCATION

- B.E. in Computer Science and Engineering
- Pursuing 2nd year at The Oxford College of Engineering **CGPA: 8.4**
- Pre-University Course (PCMC)
- Completed at Alvas PU College, Moodubidre **Percentage: 92.6%**

EXTRACURRICULAR ACTIVITIES

HOBBIES
GYM , Weight Lifting , Bike Riding