

VEDANT KOKANE

Computer Science Student

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📍 Pune, India

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🌐 <https://vedantkokane10.github.io/Portfolio/>

PROJECTS

GreenStride

AI-Powered Carbon Footprint Tracking Web-App.

📅 June 2024 - August 2024

- Developed a web application using the **MERN** stack that allows users to log daily activities, track their carbon footprint, and receive personalized **AI-driven suggestions** to reduce environmental impact.
- Implemented **dynamic visualizations** such as **line charts** and **pie charts** to help users monitor carbon footprint trends over time, making the data more accessible and actionable.
- Added a **leaderboard feature** that ranks users based on their monthly carbon footprint reduction, encouraging friendly competition and fostering community-driven sustainability efforts.
- Engineered a robust backend using **Node.js** and **Express** to support **real-time data processing** and user authentication, ensuring seamless **performance** and security.
- Achieved **active user engagement** with a growing user base that benefits from the real-time insights and AI-driven suggestions.
- **Tech Stack** - MongoDB, Express.js, React.js, Node.js, LLaMA3 model

Psyche Health

A Web-App for Predicting Mental illness, Coupled with a Game as a Diagnostic Solution.

📅 March 2023 - May 2023

- Engineered and implemented machine learning components and back-end infrastructure using **Flask** framework and **SQLite3** database.
- Optimized model **accuracy** by **25%**, which resulted in achieving an overall accuracy of **91%** and **F1 - score** of **0.91**.
- Projected to positively impact over **280 million** people worldwide.
- Explored **multiple domains** while working on the project.
- **Tech Stack** - Python, Flask, SQLite3, HTML, CSS, UNITY.

SKILLS

- **Programming Languages** - C++, Python, SQL, Javascript, Html, CSS, Swift.
- **Technologies** - Flask, SwiftUI, ReactJS, Firebase, MongoDB, NodeJS, Express.
- **Version Control** - Git, Github.

ACHIEVEMENTS

- Advanced to the **Second** round of **Adobe GenSolve**, outperforming **3 lakh+** teams.
- Advanced to the **final** round of **PULZION'23** hackathon, outperforming **50+** teams and showcasing technical prowess, competitiveness, and the ability to thrive under pressure.

EDUCATION

B.E in Computer Engineering

Pune Institute of Computer Technology

📅 June 2021 - June 2025

CGPA - 8.4/10

Higher Secondary Certificate

Modern College of Arts, Science and Commerce

📅 August 2019 - May 2021

Percentage - 86.1%

PROFILES

- LinkedIn - vedantkokane
- Github - vedantkokane10
- Leetcode - Vedantkokane_10

COURSEWORK

- Object Oriented Programming
- Data Structures and Algorithms
- Database Management Systems
- Computer Networks
- Operating Systems

VOLUNTEERING

PICT CSI Chapter

Student Member

📅 January 2022 - June 2025

- Contributed significantly to the design team by creating visually appealing posters for the Xeniverse event in 2022, resulting in increased event attendance.
- Actively engaged in club events, guest talks, and professional development activities, fostering a collaborative environment, expanding industry knowledge, and enhancing networking opportunities