Vedant Kokane

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vedantkokane10.github.io/Portfolio/

EDUCATION

Pune Institute of Computer Technology   Pune, India
Bachelor of Engineering in Computer Engineering, CGPA - 8.4   *December 2021 – June 2025*

Modern College of Arts, Science and Commerce   Pune, India
Higher Secondary Certificate (12th) **Percentage - 86.1**   *August 2019 – August 2021*

EXPERIENCE

WhatBytes   November 2024 - December 2024
Software Development Intern   *Bengaluru, Karnataka*

- Contributed to both **Frontend** and **Backend** teams, developing scalable, **high-performance**, and **production-grade** full-stack applications.
- Designed and optimized **relational database schemas** and developed efficient **SQL queries** to ensure data **integrity**, **scalability**, and **high performance** for client projects.
- Designed and implemented **RESTful APIs**, optimizing performance and reliability to meet diverse client requirements.
- Collaborated on **real-world client projects** for international clients across Europe, the USA, and other regions.
- **Tech Stack:** Express.js, Next.js, Node.js, PostgreSQL.

PROJECTS

GreenStride | Link | *AI-Powered Carbon Footprint Tracking Web-App.*   October 2024

- Developed a **MERN** stack web application for logging daily activities and tracking carbon footprint.
- Integrated **AI** to provide **personalized suggestions** for reducing environmental impact, leading to increased user engagement.
- Implemented dynamic **visualizations** like line and pie charts to display carbon footprint trends over time.
- Added a **leaderboard feature** that ranks users based on their monthly carbon footprint reduction, encouraging friendly competition.
- Engineered a robust backend using **Node** and **Express** to support **real-time data processing** and user authentication, ensuring seamless performance and security.
- **Tech Stack** - MongoDB, PostgreSQL, Express.js, React.js, Node.js, LLaMA3 model, JWT Token.

PsycheHealth | Link | *A Web-App for Predicting Mental illness.*   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.

TECHNICAL SKILLS

Languages: C++, Python, SQL (MySQL, Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask, Express.js
Developer Tools: Git, VS Code, Xcode

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**.**