

Vedant Kokane

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vedantkokane10.github.io/Portfolio/

EDUCATION

Pune Institute of Computer Technology

Bachelor of Engineering in Computer Engineering, **CGPA - 8.44**

Pune, India

December 2021 – June 2025

EXPERIENCE

Guidepoint

June 2025 – Present

Backend Development Intern

Pune, Maharashtra

- Built scalable backend logic using **Node.js**, **AWS SDK**, and **DynamoDB** in a serverless setup using **AWS Lambda**.
- Created internal dashboards with **Grafana** and **Prometheus**, and interactive data tools using **Streamlit**.
- Automated data workflows through custom scripts in **JavaScript** and **Python**; **Docker** used for local development.
- Tech Stack:** Node.js, DynamoDB, AWS Lambda, Docker, Prometheus, Grafana, Streamlit, JavaScript, Python

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.
- Tech Stack:** Express.js, Next.js, Node.js, PostgreSQL.

PROJECTS

GreenStride | [Link](#) | *AI-Powered Carbon Footprint Tracking Web-App.*

October 2024

- Developed a 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, Also implemented dynamic **visualizations** and added a **leaderboard feature** that ranks users based on their monthly carbon footprint reduction, encouraging friendly competition.
- Deployed the application using **AWS EC2** for hosting the server and **AWS RDS** for managing relational data storage, ensuring scalability and high availability.
- Tech Stack** - MongoDB, PostgreSQL, Express.js, React.js, Node.js, LLaMA3 model, JWT Token, AWS RDS, AWS EC2.

PsycheHealth | [Link](#) | *A Web App for Mental Health Risk Assessment.*

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.
- Tech Stack** - Python, Flask, SQLite3, HTML, CSS, Pandas, Scikit-learn, Matplotlib, 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

Cloud Platforms : Amazon AWS, Microsoft Azure

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.