Omkar Bhamare

Portfolio | Github
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EDUCATION

IIIT VADODARA -
INTERNATIONAL CAMPUS DIU
B.Tech in Computer Science and Engineering
MAY 2024 | Diu , India
CPI : 8.45

HILL SPRING INTERNATIONAL COLLEGE
Higher Secondary Education
March 2020 | Kalyan , Mumbai
Percentage : 83.84%

SRI VANI VIDYASHALA HIGH SCHOOL
Secondary Education (SSC)
March 2018 | Kalyan , Mumbai
Percentage : 91.80%

SKILLS

PROGRAMMING
Languages:
• Java • C • Latex

Technologies and Frameworks:
• HTML5 • CSS • JavaScript
• BootStrap • PHP • Node.js
• Express.js • React • MongoDB
• MySQL • Github

Familiar:
Data Structures • Algorithms

ACHIEVEMENTS

• Attained **first position** in HackIIITV UG2020, a 48-hour-long hackathon , organized by the Technical Committee of IIIT Vadodara.
• **Finalist** in HackIIITV-2.0 2021, a 3-Round hackathon , organized by the Technical Committee of IIIT Vadodara.
• Proficiently solved **200+** problems on LeetCode.(id : omkar_05)

CERTIFICATIONS

Full-Stack Development with React
Certified By : The Hong Kong University

EXPERIENCE

ETECHMY | FULL - STACK DEVELOPER INTERN
May 2023 - July 2023 | Mehrauli , NEW DELHI
SKYLINEKART : AN E-COMMERCE WEBSITE
• Successfully orchestrated the data integration process for a comprehensive range of more than **2000 products**,ensuring accurate and appealing representation of each item on the website.
• Collaborated closely with a **team of 8 developers** to seamlessly integrate backend functionalities with the frontend.Specifically, contributed to the creation of **10 interactive modules**, enhancing user engagement and interaction on the platform.

PROJECTS

REACT E-COMMERCE WEBSITE | GITHUB
April 2023 | React, HTML, CSS, API
• Led the development of a full-fledged e-commerce website using React.js, delivering a seamless online shopping experience.
• Engineered a highly responsive user interface, optimizing the product catalog for real-time updates and incorporating **a diverse range of 1000+ products**, contributing to heightened user engagement.

RAILWAY MANAGEMENT SYSTEM | GITHUB
August 2022 | DBMS, HTML5, CSS & PHP
• Collaborated with a dedicated **team of 5 developers** to analyze, design, and develop a comprehensive Railway Management System.
• Implemented a robust administrative section within the system, offering a comprehensive overview of all payments and transactions ,leading to a **40%** improvement in financial data accuracy.

AUTOMATED SIGNAL TIMER
April 2021 | TensorFlow , OpenCV , YOLOv8
• Successfully implemented the state-of-the-art **YOLOv8** object detection model utilizing **TensorFlow and OpenCV** on **3-laned roads**.The implementation achieved an impressive accuracy rate of **92%**, outperforming benchmarks.
• Spearheaded the development of an innovative **signal scheduling algorithm**, which optimized traffic light timings based on real-time **vehicle count data**.

RESPONSIBILITY

FOUNDING MEMBER | SPORTS COMMITTEE OF IIITV-ICD
• Implemented plans to organize the OLYMPUS fest, a major sporting event with **228** participants, working with **a team of 10 students.**
• Efficiently coordinated and executed **more than 10 events** spanning across institutes, cultivating a culture of active participation.

SECRETARY | BEATS-DANCE CLUB OF IIITV-ICD
• Spearheaded a dance event at Cultural fest STAVYA, attracting **200+ attendees** and showcasing **53** talented participants.