Vedant Chaudhari
BTech in Information Technology

Eager and motivated software developer fresher with a degree in Information Technology. Proficient in programming languages, software development methodologies, and problem-solving. A collaborative team player committed to delivering high-quality code. Excited to contribute creativity, adaptability, and a strong desire to learn and grow in a dynamic environment.

Contact

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Citizenship : Indian

DoB : 17/01/2002

Technical Skills

- **Programming Language:** C/C++, Java, Python, HTML, SQL, JavaScript
- **Developer Tools:** VS Code, Android Studio, Jenkins, Github, Eclipse IDE, SonarQube
- **Technologies/Frameworks:** Linux, Git, ReactJS, NodeJS, ExpressJS, MongoDB, Flutter, Firebase
- **Operating Systems**
- **Data Structures and Algorithms**
- **Object Oriented Programming**
- **Database Management Systems**

Extracurricular Activities

- State Level Cricket U-14 Bronze Medalist
- Event Head of Cricket at Revels; a sports and cultural fest organized MIT, Manipal

Languages

- English
- Hindi
- Marathi

Education Qualifications

10th | 96.4%
Tapti Public School **|** CBSE | 2017

12th | 78.3%
AUBHS and JC **|** HSC | 2019

BTech in Information Technology | 8.48
Manipal Institute of Technology | 2023

Work Experience (Internships / Projects)

Samsung Semiconductor India Research (Jan 2023 - July 2023)
- Resolved errors in the code of 10+ IP Cores having an aggregate of 50000+ lines of code
- Kernel Configuration and Validation of DMA IP Core
- Enhancement of STORM Test Framework's UI and parsing logs for creating tables and graphs

Ayaan Autonomous Systems (June 2022 - July 2022)
- Worked ondrone landing system using Aruco Marker, a special QR Code
- Conducted path planning for UAV navigation from one location to another
- Utilized custom object detection using YOLOv3 Torch and CUDA

Projects

Find Your Cure (Flutter and Firebase)
- Application that aims at centralizing the health system in the present age.
- Help users self-diagnose by determining the disease they might be suffering from.
- Users can know diseases spreading across their neighborhood/city/country

Blood Bank Management System (SQL and C# Windows Forms)
- The system ensures efficient management of blood inventory and tracking of blood donations and requests
- Aims to ease the process of blood donation and allowance.
- The SQL Database is utilized for secure storage and retrieval of blood bank data.

Contact Manager Application (NodeJS, ExpressJS, MongoDB)
- The project focuses on developing a backend system for contact management.
- Involves designing and implementing functionalities to read, create, update and delete contacts.
- The backend system ensures data security and privacy by implementing appropriate authentication and access control measures