

# Vinit Nivrutti Parab



## CONTACT DETAILS

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## PERSONAL INFORMATION

**Date of birth:** 16/06/2004

**Gender:** Male

**Father's Name:** Nivrutti Parab

**Languages Known:** English,  
Hindi and Marathi

**Hobbies:** Chess, Cricket,  
Travelling, Coding

**Linkedin:** [Vinit-Parab](#)

## PROFILE SUMMARY

I am a B.Tech Information Technology student with practical experience in cloud computing, full-stack web development, and AI tools. I have worked with modern frameworks like React and Node.js and have a good understanding of databases such as MongoDB and PostgreSQL. I am currently expanding my skills in cloud platforms, DevOps practices, and Java development. I am looking for a growth-oriented organization where I can apply my technical skills, take on challenging opportunities, and continue to grow professionally.

## EDUCATION

- B.Tech in Information Technology from K. J. Somaiya College of Engineering, with CGPA: 6.5
- Diploma in Computer Engineering (2023) from Vidyalankar Polytechnic, Mumbai with Overall :- 80.65%
- Secondary School Certificate (SSC) 2020 from I.E.S. Modern English School with 79%

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python
- **Web Technologies:** HTML, CSS, React.js, Node.js,
- **Databases:** MongoDB, PostgreSQL
- **Tools & Platforms:** Git, GitHub, Twilio API, OpenAI GPT
- **Areas of Interest:** Full Stack Web Development, Cloud Computing, DevOps, Java Backend Development

## ADDITIONAL SKILLS

- MS Office
- API Integration
- Tailwind CSS & Bootstrap
- AutoCAD

## OTHER DETAILS

### Internship:

#### Web Developer Intern

Vibrt Pvt. Ltd. – July 2021

- Assisted in developing and maintaining responsive web applications.
- Collaborated with senior developers to implement both frontend and backend features.
- Gained hands-on experience with HTML, CSS, JavaScript, and web frameworks.
- Participated in debugging and improving website performance.
- Worked with the design team to ensure smooth UI/UX integration.

#### Web Developer Intern

Bluorigin Media – June 2024 to August 2024

- Worked on frontend and backend web development using HTML, CSS, JavaScript, Node.js, and MongoDB.
- Redesigned company website, improving user engagement by 30%.
- Collaborated with design teams to deliver creative and responsive web solutions.
- Proactively learned new web technologies and applied them in client projects.

#### Data Analyst Intern

S2 Infotech International Limited – August 2025

- Gained hands-on training in **PostgreSQL, Python, NumPy, and Pandas**.
- Worked with the **Data Science Team** on a healthcare project to analyze healthcare data and extract insights.
- Contributed to improving data understanding and reporting accuracy with minimal supervision.
- Developed strong skills in **data analysis, problem-solving, and collaboration** while working on real-world datasets.

### Projects:

#### 1. WhatsApp Chatbot using Twilio API & OpenAI

- Built an AI-powered chatbot for WhatsApp to automate customer support.
- Integrated OpenAI's GPT-3 for generating human-like responses.
- Used Node.js for backend development and MongoDB for storing chat history.
- Frontend designed using React for a clean and user-friendly interface.
- Enabled real-time communication and chatbot response analysis.

#### 2. Liveliness Detection System - Face Authentication

- Developed a real-time system to distinguish between live users and spoof attacks (e.g., photo/video).
- Enhanced traditional methods like LBPH and Haar Cascade by integrating deep learning and eye-blink detection.
- Used OpenCV with CNN-based facial analysis for improved accuracy in low-light and occluded environments.
- Designed for secure login systems and access control in face-recognition-based applications.

#### 3. MERN Authentication System – Full-Stack User Management

- Developed a complete user authentication system using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user registration, login, and JWT-based authentication for secure access control.
- Used React.js for the frontend with protected routes and role-based navigation.
- Built Express.js backend with REST API endpoints and password hashing using bcrypt.

#### 4. **Blockchain-Based Fraud Analytics Platform (Ongoing)**

- Building a blockchain-powered system for enhancing transparency in fraud analytics and product verification.
- Using **Ethereum Smart Contracts (Solidity)** to store anonymized complaint metadata securely on-chain.
- Designed for improving data traceability, preventing tampering, and decentralizing complaint records.
- Integrating a web-based dashboard for data visualization and monitoring blockchain transactions.
- Implementing **smart contract-based access control** for secure and authorized data retrieval.

### **Extra Courses / Certifications:**

#### **Cousera:-**

- Essential Google Cloud Infrastructure: Foundation – Google Cloud
- AWS Cloud Technical Essentials – Amazon Web Services (AWS)
- Cloud Computing Security – University of Colorado System
- Blockchain and Business – INSEAD
- Ethical Hacking Essentials (EHE) – EC-Council
- IT Security: Defense Against the Digital Dark Arts – Google
- Cybercrime – Royal Holloway, University of London
- Digital Forensics Concepts – Infosec
- Foundations of Project Management – Google

#### **Deloitte Australia: -**

- Data Analytics Virtual Experience
- Cyber Virtual Experience

#### **Infosys Springboard: -**

- Programming using Java

### **Interests / Extracurricular Activities:**

- Interest in learning new technologies and exploring practical applications.
- Participating in group projects and academic assignments.
- Enjoy playing cricket and engaging in outdoor activities with friends.

### **Key Achievements:**

- Completed web development internships with Vibrt Pvt. Ltd. and Trivinsai TechPackTron Solutions, gaining hands-on experience in both frontend and backend development.
- Successfully built multiple practical projects including a WhatsApp AI Chatbot, Face Authentication System, Blockchain-Based Fraud Analytics Platform, and a MERN Stack Authentication System.