

Vasu Chourasia

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EDUCATION

B.Tech in Computer Science and Engineering (CSE) | VIT Bhopal University

Sep 2023 – Jul 2027 | GPA: 8.70/10

CORE TECHNICAL SKILLS

Languages: JavaScript (ES6+), Java, Python

Frontend: React.js, HTML5, CSS3, TailwindCSS

Backend: Node.js, Express.js

Databases: MongoDB, MySQL

CS Fundamentals: DSA, OOP, DBMS

Tools & Other: Git & GitHub, REST APIs

PROJECTS

VITMEDS - University Health & Appointment Management System

A web-based platform to streamline appointment booking, digital prescriptions, and disease prediction within the university.

Tech Stack: Flask, Python, MongoDB, Random Forest, HTML, CSS, JavaScript, REST APIs

- Built a **full-stack healthcare management system** to handle **appointment booking, prescriptions, and symptom-based disease prediction** for university use.
- Enhanced a **digital prescription module** enabling doctors to **create/update prescriptions** and patients to **view records** in a responsive UI.
- Implemented emergency appointment workflow with automated email alerts, reducing booking delay and improving response time.
- Integrated a **symptom-based disease prediction model**, enhancing clinical decision support.

VBasket - E-Commerce Website

A MERN-based e-commerce platform with cart, checkout, and online payments.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Razorpay, Google Auth (OAuth), REST APIs.

- Engineered an e-commerce solution with product discovery, cart handling, and payment-ready checkout flow.
- Executed **secure authentication using Google OAuth** and protected routes for authorized users.
- Integrated **Razorpay payment gateway** for seamless online transactions and order confirmation.
- Designed backend APIs for **users, products, orders, and payments** using **Node.js + Express.js**.
- Implemented database operations using **MongoDB** for managing products, user profiles, and order history.

EXTRA-CURRICULAR AND ACHIEVEMENTS

EY Techathon | (Round 1 Qualified)

- Shortlisted among **4,667 teams** for proposing **Smart Railway Management System** to automate train scheduling at junction.

College Annual Sports Fest | Chess Tournament

- Represented in Intercollegiate Chess Tournament (Annual Sports Fest).

Tackled 300+ questions across CodeForces, GeeksforGeeks and LeetCode.

CERTIFICATIONS

- **Google IT Support Certificate | Google Skills**
- **The Bits and Bytes of Computer Networking | Coursera**
- **Fundamentals of AI and ML | Vityarthi**