




# OMKAR KHANVILKAR

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## EDUCATION

### Vishwakarma Institute Of Technology , Pune

Bachelor of Technology - BTech, Information Technology

Nov 2022 - Apr 2026

Current GPA: 8.97/10

### B. K. Birla College (Autonomous), Kalyan

12th Science (PCM + Bifocal CS) (HSC)

Jun 2020 - Feb 2022

Percentage : 87

### Shri Gajanan Vidyalaya, Kalyan

10th (SSC)

Jun 2008 - Mar 2020

Percentage : 94.80

## COURSEWORK

**Courses:** Object-Oriented Programming, Data Structures & Algorithms, Embedded Systems, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics, Database Management System

## SKILLS

**Languages:** C/C++, Java, JavaScript, HTML/CSS, Solidity

**Tools:** Git/GitHub, ArduinoIDE, Webpack, VS Code, IntelliJ, Atom, PyCharm, Remix, Ganche, MySQL

**Technologies:** WebDevelopment, Blockchain(Web3), Embedded Systems/IOT, Socket Programming (C Language)

**Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI, Spring

**Libraries:** pandas, NumPy, Matplotlib, BueatyfulSoup, flask

## PROJECTS

### Spotify-Clone Using MERN Stack | VS Code, MERN Stack, passport.js(Authentication), Cloudinary

Nov. 2023

- Developed a full-stack Spotify Clone using the MERN stack, replicating core music streaming features and demonstrating proficiency in full-stack development and API integration.
- User authentication, Spotify Web API integration for browsing/playing music, intuitive React.js interface with music player and playlist management, server-side logic with Node.js/Express.js, and MongoDB database.
- Social features, recommendation engine, mobile app development, integration with other music platforms, audio analysis, and visualizations. **Github Link :** <https://github.com/omithecoder/WT-HA-/tree/master>

### Dynamic Question Generation Web Application | flask, ML, MySQL, Cloudinary, HTML, CSS, JS,, Python, git, pycharm

Dec 2023

- Developed a dynamic web application using HTML, CSS, and JavaScript for frontend, Flask for backend, and MySQL for database management.
- Integrated machine learning techniques for generating MCQs, subjective, and objective questions, alongside grammar checking and text summarization functionalities.
- Implemented Cloudinary for storing PDF files of generated questions, ensuring convenient access and download options for users. **Github Link :** [https://github.com/omithecoder/My\\_app.git](https://github.com/omithecoder/My_app.git)

## EXPERIENCE

### Computer Society Of India (CSI) VIT Pune | Blockchain Co-Ordinator

Aug. 2023 – Present

Led Web3 initiatives at CSI, organizing workshops, hackathons, and seminars. Developed open-source projects and mentored students in blockchain technology. Collaborated on Web3 projects, staying updated with advancements.

## ACHIVEMENTS

### 2nd Runner Up at Eth Mumbai Hackathon 2024

Mar. 2024

### Participated in Hack To Crack National Level Hackathon 2024

Mar. 2024

### Qualified Internal Smart India Hackathon 2023

Sep. 2023

Amongst the top 40 teams in the college.