Om Singh

Computer Engineering | MUMBAI
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ACADEMIC QUALIFICATIONS:

Bachelor of Engineering (B.E.)
Thakur College Of Engineering and Technology (University Of Mumbai) – 7.72 CGPA   **2027**

Higher Secondary School Certificate (H.S.C)
Maharashtra State Board – 85.2%   **2023**

Secondary School Certificate (S.S.C)
Maharashtra State Board – 65%   **2021**

SKILLS:

- **Language:** HTML, CSS, JS, C/C++
- **Embedded Systems:** Arduino Uno
- **Frameworks:** React, Node.js
- **Tools:** VS Code, Git, GitHub, Postman, MongoDB

PROJECTS:

Design and Development of UCGV (Unmanned Combat Ground Vehicle)   January 2024
- Developed the control code of a working prototype of a UCGV, showcasing innovative thinking and technical expertise.

Tunnel Booster Fans Condition-Based Monitoring & Maintenance System   September 2024
- Developed landing page and dashboard for real-time fan performance visualization.
- Integrated sensor data for anomaly detection and maintenance alerts.
- Utilized HTML, CSS, JavaScript, and backend/database integration.

Online Mock Test Portal Frontend   February 2025
- Developed An online quiz portal with role-based access (Student, Institute, Teacher)
- Integrated ChatGPT API to generate quiz questions dynamically and provide instant feedback

CERTIFICATE/COURSE:

- **HTML Responsive Real-world Webs. (Udemy)**   **6 Hrs.**
- **JS with HTML5, CSS3 (Udemy)**   **17 Hrs.**
- **Data Structures and OOP with C++ Masterclass (Udemy)**   **8.5 Hrs.**
- **Project Development Using JAVA for Beginners (Udemy)**   **45.5 Hrs.**
- **300+ Python Exercises (Udemy)**   **35 Hrs.**

ACHIEVEMENTS

1. VNPS-24 (1st Prize in Project Showcase) For UCGV Project
2. Lean Start-up and Bootcamp (1st Prize in Idea Pitching) Pitched a business model based on the UCGV

HOBBIES:

- Mythological Reading
- Antiques Collection
- 3D Cad Modelling