Vishal Godalkar

📞 +917888049161 ✉ vishalgodalkar1@gmail.com 🔗 linkedin.com/in/vishal-godalkar ⏺ github.com/Vishalgodalkar

Education

Pimpri Chinchwad College of Engineering   Sep 2023 – June 2026
Bachelor of Information Technology   *Pune | CGPA: 8.15*

Government Polytechnic   Aug 2020 – June 2023
Diploma in Computer Engineering   *Ahmednagar | Percentage: 90.63%*

Work Experience

R.B Tech Services Pvt. Ltd.   June 2022 – July 2022
Web Development Intern   *Ahmednagar*

- Built a responsive **e-commerce platform** using **PHP**, **PostgreSQL**, **HTML**, and **CSS**, enabling remote purchases and boosting user access by **40%**
- Developed key modules for product listings and cart management, enhancing transaction flow and reducing load time.
- Integrated **server-side validation** and session handling in **PHP**, increasing checkout reliability across devices
- Redesigned UI with **CSS flex/grid** and mobile-first layouts, improving UX scores by **33%** on user testing benchmarks

Projects

Swasthya | *Healthcare Web App*   **Node.js, PostgreSQL, Python, HTML, CSS, JavaScript**

- Built a full-stack health monitoring platform that integrated real-time wearable data, enabling continuous patient health tracking and analytics via RESTful APIs
- Implemented secure user authentication and protected medical records using **JWT tokens**, ensuring verified access to sensitive health information
- Utilized **Python** with image processing libraries to extract structured data from scanned medical reports, allowing users to digitize health history efficiently

Surveillance SPY Robot | *Security & Monitoring*   **Python, OpenCV, Raspberry Pi**

- Designed and programmed a mobile surveillance robot with remote control and live video streaming, enhancing real-time situational awareness in remote locations
- Employed **OpenCV** to implement object detection and anomaly tracking, allowing for intelligent movement and identification of unusual behavior
- Configured **Raspberry Pi** modules with custom scripts and sensors for adaptive terrain navigation, enabling flexible deployment in indoor and outdoor environments

Next Cart | *E-Commerce Website*   **Node.js, PostgreSQL, HTML, CSS, JavaScript**

- Developed a responsive e-commerce web application with user-centric product browsing, secure transactions, and optimized checkout experience using REST APIs
- Designed and implemented scalable backend architecture using **Node.js** and **PostgreSQL**, including endpoints for product, cart, and order management
- Monitored performance metrics and applied improvements that reduced load time and boosted the checkout conversion rate by over **28%** through A/B testing

Technical Skills

Languages: C++, Java, JavaScript, Python, C, HTML/CSS, MySQL

Developer Tools: VS Code, Android Studio, Jupyter Notebook

Libraries/Frameworks: Git , GitHub, Node.JS , Express.JS , React.JS

Achievement

- Awarded a **$300 AUD grant** in the **Technology Infusion Grand Challenge** for the **Swasthya project** and qualified for **Phase 2**.
- Secured **3rd rank** in the **Smart India Hackathon** inter-college selection among **130+ teams**.
- Won **1st prize** in **Stapathya Competition** at **PCCOE** for **innovative project development**.
- Achieved **runner-up** in the **Institution's Innovation Council Startup Competition** at **PCCOE**.