PRATIK WAYAL

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Education

Government College of Engineering Aurangabad   **May 2025**
Bachelor of Technology in Computer Science and Engineering: CGPA - 7.18   *Aurangabad , Maharashtra*

Vasant Art & Sci. High. Sec. Ashram School   **May 2021**
HSC percentage: - 83.66   *lonar, Maharashtra*

Vivekanand Vidya Mandir   **May 2019**
SSC percentage: - 88.20   *Vivekanand Nagar, Maharashtra*

Technical Skills

Languages: C++, Python, SQL
Core Subjects: DSA, DBMS, OS, OOP, Software Design
Developer Tools and Technology: VS Code, Google Colab, GitHub,Arduino, NLP

Projects

Phishing Link Detection Extention | *Python, Random Forest, XGBoostClassifier*   **January 2024**
- Created a Chrome extension to detect and warn users of potential phishing links, leveraging a machine learning model trained on a dataset from **PhishTank** containing over 5,000 phishing and legitimate URLs..
- Integrated feature extraction techniques using Python to analyze URLs, employing **Scikit-learn** for classification and achieving a **86.9%** accuracy rate in distinguishing phishing sites
- Designed and launched a server using **Flask** to scrape and process web page URLs in real-time, enhancing user security by providing immediate feedback on the legitimacy of visited websites.

ParkCircle | *Python,OpenCV,Tensorflow*   **February 2024**
- Developed a real-time parking space tracking system using **TensorFlow** and **OpenCV**, providing accurate detection and analysis of parking slot availability from video input..
- Created a user interface to display real-time statistics of parking slots, including empty, filled, and total available spaces, enhancing urban parking management and reducing congestion.
- **Award Recognition:**Won Ideathon conducted by GecaAnkur and got Pre-Incubation at AICF,Selected for Regional bootcamp Mumbai Google solution Challenge 2024.

Online Certificate Authenticator | *JavaScript, Python, Node.js*   **December 2023**
- Implemented a comprehensive verification system using **JavaScript** to ensure the authenticity of educational certificates by matching OCR-extracted information with data obtained from QR code scans.
- Integrated robust QR code scanning and decoding using **jsQR** and **Jimp** libraries, ensuring accurate and efficient retrieval of embedded information from certificates..
- **Award Recognition:** Achieved first runner-up position in the Wings Hackathon conducted by GECA, demonstrating the project's innovation and practical application.

Experience

Programming Lead   **GEC, Aurangabad**
Team Cybrotics   *April 2022 - Present*
- Developed a fully automatic robot that represented the college at the national level competition, DD Robocon 2024.
- Mentored junior programmers and provided guidance on coding and project development,Participated in various robotics competitions, including World Robotics Championship (Technoxian).
- Managed the club's website, enhancing SEO and increasing traffic through strategic updates and content management

General Secretary and Co-Founder   **CSE Dept, GEC Aurangabad**
C-CuBe   *March 2024 - Present*
- Founded a coding community, empowering 100+ students and professionals with practical programming skills.
- Promoted self-projects and startups, providing mentorship and resources to students and established an alumni association, facilitating knowledge-sharing and networking for over 100+ members.
- Organized hackathons attracting 200+ participants, fostering creativity, teamwork, and coding proficiency.

Achievements

- Reached Quaterfinals of DD Robocon 2024,won Robotics Society Award with team.
- First Runner-Up Wings Hackathon 2024,first runner up Ideathon by GECA Ankur.Got Pre-incubation at AICF.