

Ashwini Shinde

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Education

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| MET Institute of Technology Bhujbal knowledge city <ul style="list-style-type: none">Bachelor of Technology – Computer Science and Design ,CGPA : 8.6/10 | Nashik, Maharashtra July 2021– July 2025 |
| Rastriya Vidyalaya Junior College <ul style="list-style-type: none">Science (Class XII) , Aggregate: 90% | Chalisgaon, Maharashtra July 2020 – April 2021 |
| Kakasaheb Purnpatre Madhyamik Vidyalaya <ul style="list-style-type: none">Class X , Aggregate :89% | Chalisgaon, Maharashtra June 2018 - May 2019 |

Skills Summary

- Languages** Python, JAVA, SQL, C++, PHP, JavaScript , HTML/CSS,JAVA
- Development Boards** Arduino Uno, ESP32, Raspberry Pi
- Frameworks** Flask, Tensor, Flow, PyTorch, NumPy, Matplotlib, Seaborn, Scikit-learn , React Native, Node.js
- Industry Skills** Data Visualization , MongoDB, Machine Learning
- Tools** Git, Docker, AWS, MySQL, Firebase

Certification

- Python Programming - Coding Seekho**
Developed skills in Oct 2024- Nov- 2024
 - OOP, functional programming , regular expressions ,modular code, and automation with python
 - File and Error handling, Data Structures, Decoders, Data Manipulation
 - Applied principles of logical structuring
- Sunanda Infotech — Web Development Intern**
Worked on Dec 2022- Mar 2024
 - Developed responsive and visually appealing web pages using HTML, CSS, and JavaScript
 - Applied front-end design principles to improve website functionality and user interface
 - Gained hands-on experience in coding, debugging, and collaborating on web development projects
 - Worked in a team environment to deliver real-time web solutions
- Cyber Sanskar — Cybersecurity Intern**
Project Intern Jun 2023 – Jul 2023
 - Assisted in identifying security vulnerabilities and implementing cybersecurity protocols

- Gained experience in conducting security assessments and responding to incidents
- Collaborated with professionals to contribute to ongoing cybersecurity projects

Projects

- **VERONICA-ADVANCED BIKE RIDING ASSISTANT AND ACCIDENT DETECTION SYSTEM** -Designed and developed VERONICA, an intelligent edge-based assistant system for two-wheelers, focused on enhancing rider safety and experience. Developed an edge-based assistant system using ESP32, sensors (MPU6050, GPS), and cloud integration to enhance bike rider safety. Designed and implemented RESTful APIs for real-time accident detection, location tracking, and traffic monitoring. Enabled secure and efficient data transmission between hardware and cloud services. APIs supported voice-assisted interactions and mobile alerts for emergency response. Focused on scalable, low-latency communication for real-time user assistance.
- **ELECTRICITY-THEFT-DETECTION-SYSTEM** – Python, Artificial Neural Networks (ANN), Data Analysis Developed a predictive model using Artificial Neural Networks to identify abnormal electricity usage patterns indicative of theft. Preprocessed and analysed historical consumption data to train and validate the ANN model for high accuracy. Focused on software implementation with a data-driven approach to improve reliability in anomaly detection
- **Movie Recommender System** – Python, Machine Learning, Pandas, Scikit-learn Developed a content-based movie recommendation system that suggests movies based on user preferences using cosine similarity and TF-IDF vectorization .Implemented data preprocessing, feature engineering, and model evaluation to enhance recommendation accuracy.
- **NURSERY NEXT DOOR** – Developed a responsive e-commerce website for a home-grown plant nursery using HTML, CSS, and JavaScript. Implemented features like product categories, product pages, cart, wishlist, login/register, and search functionality. Designed a clean, nursery-themed UI with structured navigation, hero section, and reusable components. Added product descriptions, pricing, and customer-friendly layout to improve user experience. Deployed the live project on Netlify for public access and testing..

