Arya Patil

8010916297 aryapatil98765@gmail.com

SKILLS

- Languages: Python, C, java, C++.
- Full Stack Development: HTML, CSS, JavaScript, PHP, OOPS Concepts, Python backend ,Flask.
- Database: MySQL, DBMS, RDBMS/ Relational Databases.
- Developer Tools: VS Code, Pycharm, Power BI, Tableau, MS Excel,Postgresql.
- Soft Skills: Teamwork, Active Listener, Integrity, Commitment to Service Excellence, Continuous improvement, Problem-Solving and Communication skills.
- Other : Microsoft Word, Excel, PowerPoint.
- Areas of Interest: Software Engineering, Information Technology, Computer Science, Risk Management.

EDUCATION

KIT's College Of Engineering Kolhapur **Aug. 2022 – July. 2026**
BTech in CSE(DS) , CGPA:9.21 *Kolhapur, Maharashtra*

P B Patil School & Jr. College ,Mudal **June. 2020 – June 2022**
HSC, Percentage=88% *Kolhapur, Maharashtra*

Saint Francis de Sales School, Tiravade **June. 2008 – June 2020**
SSC, Percentage=91.60% *Kolhapur , Maharashtra*

CERTIFICATION

- SQL - HackerRank .
- AI-ML Virtual Internship- AICTE
- Python- HackerRank.

Achivenment: Winner of PBL(Project based learning) at KITCOEK Kolhapur

PROJECTS

- **VISION CART: SMART TROLLEY SOLUTIONS | Python, SQLite, YOLOv8, HTML, CSS, JS, Flask**
  - Built a smart trolley for automated billing using YOLOv8 object detection.
  - Detected products in real-time and calculated total cost.
  - Designed a responsive UI with HTML, CSS, and JavaScript.
  - Enabled fast, contactless checkout for retail users.

- **Student Monitoring System | HTML, CSS, JavaScript, PHP, MySQL**
  - Developed a web-based Student Management System to efficiently manage student records.
  - Implemented CRUD (Create, Read, Update, Delete) operations for student details.
  - Integrated secure authentication to manage different user roles (Admin, Teacher, Student).
  - Utilized MySQL database for efficient data storage and retrieval.

- **Healthcare Chatbot | Python, Machine Learning (Decision Tree, SVM), NLP, pyttsx3, Pandas, Scikit-Learn**
  - Developed an AI-powered chatbot that predicts diseases based on user symptoms.
  - Implemented Decision Tree and SVM classifiers for accurate symptom-based disease prediction.
  - Integrated NLP and speech synthesis (pyttsx3) for voice-assisted user interaction.
  - Achieved high accuracy through cross-validation and feature importance analysis.

- **Alcohol Detector | Arduino, MQ-3 Sensor, Buzzer, LCD Display, Embedded C**
  - Developed an Alcohol Detection System to prevent drunk driving by detecting alcohol levels in breath.
  - Integrated MQ-3 alcohol sensor to measure alcohol concentration with real-time analysis.
  - Implemented Arduino-based microcontroller programming for sensor calibration and response.
  - Designed an alert mechanism using a buzzer and LCD display for instant warnings.