Riya K. Patil

patilriyak@gmail.com
+91 91728 42350
https://www.linkedin.com/in/
riya-patil-b2418528a

Technical Skills: Python, C, C++, Java,Tkinter, Kotlin(Basic)

Certification: Vityarthi course completion certificate- Fundamentals of AI and ML, Introduction to Problem Solving and Programming, MATLAB Onramp

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	2023 –Ongoing	VIT Bhopal University, Bhopal	8.37
Class XII	22-23	R. B. College, Jalgaon	78.83%
Class X	20-21	Rustomjie International School, Jalgaon	96.4%

INTERNSHIP EXPERIENCE

Web Developer intern May 25 – June 25	▪ **Siemens Ltd:** Developed a Component Log Viewer web application to enhance efficiency in product component inspection for the electronics manufacturing industry. Leveraged Python, Tkinter for GUI development, SQLite for database management, Pandas for data analysis, and Pytesseract for optical character recognition to streamline inspection processes.

Project Name	Project Descriptions
Eco Footprint Tracker	Designed and developed an Eco Footprint Tracker mobile application using Kotlin and Jetpack Compose to calculate and display users' carbon footprints based on inputs from transportation, food, water, and home energy questionnaires. Implemented emission calculations using ViewModel for data management and integrated navigation to ensure seamless user experience across quiz and result screens.
Real-Time Driver Fatigue Detection System	Developed a Real-Time Driver Fatigue Detection System to enhance road safety by monitoring driver drowsiness using Python, OpenCV, and dlib. Implemented facial landmark detection to analyze eye blink patterns and closure duration, triggering auditory alerts via Pygame when fatigue is detected.

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪ Selected as Core Member, Design team, English Literary Association, VIT Bhopal University (Jul 24)
Responsibilities	▪ Core Member, Design team, English Literary Association, VIT Bhopal University (Jul 24 – ongoing)

ADDITIONAL INFORMATION

Hobbies	▪ Singing ▪ Playing and learning various musical instruments ▪ Learning languages ▪ Drawing
Languages	▪ English, Hindi, Marathi