

Mayuri Phad

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EDUCATION

Vishwakarma Institute of Information Technology, Pune Bachelor of Technology in Information Technology; GPA: 8.03	Pune June 2023 - June 2026
Government Residential Women's Polytechnic, Latur Diploma in Computer Engineering; Percentage: 87.77	Latur Jan 2020 - June 2023
Yashwant Vidyalaya in Ahmedpur Latur 5 th Std. – 10 th Std.; Percentage: 93.40	Ahmedpur June 2019 - June 2020

SKILLS SUMMARY

- **Languages:** Python, Java, C++, JavaScript
- **Frameworks & Libraries:** Next.js, React.js, Node.js, Express.js, Tailwind CSS, TensorFlow, Keras, PyTorch, OpenCV, Flask, Streamlit
- **Databases & Tools:** MySQL, SQLite, MongoDB, Git, Docker, GitHub, Render, Netlify, Vercel
- **IDEs & Platforms:** VS Code, PyCharm, Jupyter Notebook, Android Studio, Postman
- **Soft Skills:** Leadership, Collaborative, People Management, Excellent communication, Quick Learner

WORK EXPERIENCE

Industrial Trainee INGenious Technohub Pvt. Ltd 	July 2022- Sep 2022
Developed a Hostel-Admin-Tool-main Used HTML, CSS, Bootstrap, and JavaScript (jQuery, Ajax) to build a user-friendly interface, with JSP for server-side rendering and MySQL for optimized data storage and scalability.	

PROJECTS

Hinglish to English NLP Link GitHub (NLP, Flask, SQLite, JavaScript)	Aug 2022- May 2023
- Built a Flask-based NLP app to translate Hinglish to English with idiom handling and 450+ short-form entries. - Added voice input/output and avoided third-party APIs for lightweight, offline-ready use.	
Driver Drowsiness Detection System GitHub (MobileNetV2, TensorFlow, OpenCV, Pygame)	Aug 2024 - Sep 2024
- Implemented real-time drowsiness detection using webcam and MobileNetV2-based deep learning model. - Triggered audio-visual alerts and simulated safety measures using Pygame when prolonged drowsiness detected.	
Smart Shopping Cart GitHub (Java, Firebase, ESP32)	Jul 2024 - Sep 2024
- Created a mobile + IoT solution to scan items via smartphone/ESP32 camera and verify product weight. - Enabled direct app-based payments, displaying items, prices, and total cost in real-time.	
Medicinal Plant Identification GitHub (MobileNetV2, Keras, Google Custom Search API)	Sep 2024 - Nov 2024
- Developed an image-based medicinal plant classifier using MobileNetV2 with 93% accuracy on 40 species. - Deployed the model using Flask and integrated Google Custom Search API to display plant details and medicinal uses.	
HealthBites Link GitHub (React.js, Tailwind CSS, Node.js, Express.js, GenAI, Auth0)	Jul 2024 - Sep 2024
- Built a health-focused platform with Auth0-based user authentication, profile management, and a professional dashboard to monitor daily metrics and calorie goals. - Integrated food recognition using Gen-AI to generate personalized and weekly meal plans based on available ingredients and nutritional needs.	

ACHIEVEMENTS

IEEE Conference Publications:		
1.	Driver Drowsiness Detection Using MobileNetV2 and Deep Learning ICSCNA 2024, IEEE ComSoc – Bharath Niketan Engineering College, India	Dec 2024
2.	Violence Detection in Surveillance Systems Using MobileNetV2 and Deep Learning PUNECON 2024, IEEE – Defence Institute of Advanced Technology (DIAT) & IEEE Pune Section, India	Dec 2024
3.	Automatic Identification of Medicinal Plants with Transfer Learning INCIP-2025, IEEE – Manipal Institute of Technology, Bengaluru	Jan 2025

CERTIFICATES

Machine Learning & Deep Learning in Python & R (Udemy) CERTIFICATE	Apr 2024
Meta Backend Developer (Coursera) CERTIFICATE	Apr 2025
AWS Academy Graduate (AWS) CERTIFICATE	Apr 2025