

# HARSH VASISHT

+91 9650143510 [◇ harryvasisht@gmail.com](mailto:harryvasisht@gmail.com) [◇ LinkedIn](#) [◇ www.harsh.ai.in](http://www.harsh.ai.in) [◇ Certificates](#) [◇ GitHub](#)

## COURSE WORK

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R, Python, Java, Metaheuristics, Linux/OS, DBMS, Computer Network, Big Data Analytics

## EDUCATION

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<b>Bachelor of Technology in Artificial Intelligence</b> , Gautam Buddha University	2020 - 2024
<b>Senior Secondary (XII)</b> , Arwachin Bharti Bhawan Sen. Sec. School	2019 - 2020

## SKILLS

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<b>Technical Skills</b>	AI/ML, Deep Learning, TensorFlow, PyTorch, Computer Vision, AWS, Docker, SQL, Jenkins, MongoDB, Power BI, Django, Flask, Grafana, Prometheus
<b>Programming Languages</b>	Python, R, JS, Java

## CERTIFICATIONS

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<b>Oracle Cloud Infrastructure Data Science Professional</b> - Oracle Cloud <a href="#">Certificate Link</a>	2023
<b>IBM ML0101EN: Machine Learning with Python</b> - Cognitive Class <a href="#">Certificate Link</a>	2023

## EXPERIENCES

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<b>LLM Developer</b> Attack Capital, USA (Remote)	OCT 2023 – NOV 2023
<ul style="list-style-type: none"><li>• Integrated Open Source LLM agents with Twilio for call automation.</li><li>• Utilized Pinecone as a Knowledge Base for the Calling Agent.</li></ul>	

<b>XR Open Source Fellow</b> Focally Pvt Ltd, Bangalore, KA	APR 2023 - AUG 2023
<ul style="list-style-type: none"><li>• Trained ML models for XR spectacles, enabling seamless communication for sign language users.</li><li>• Created a hybrid dataset combining ASL and ISL gestures for inclusive communication tools.</li></ul>	

<b>AI Project Intern</b> STMicroelectronics, Greater Noida, UP	OCT 2022 - APR 2023
<ul style="list-style-type: none"><li>• Designed a ML solution to monitor human vitals, including heart rate, with contactless technology.</li><li>• Using STM32, I integrated this system inside a coffee vending machine, allowing vital tracking with caffeine intake.</li></ul>	

<b>AI Engineer Intern</b> Signy Advanced Technologies, Remote	APR 2022 - JUL 2022
<ul style="list-style-type: none"><li>• Trained and optimized deep learning models for real-time object and facial recognition using diverse datasets like UTK, LFW, and Google's dataset.</li><li>• Enhanced CCTV surveillance using the trained deep learning models for enhanced tracking.</li></ul>	

## SELECTED PROJECTS

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- **Smart Coffee Machine (Associated with STMicroelectronics)**: Built a tool that uses PPF signals to monitor Heart Rate and keep tabs on caffeine intake by the user.  
**Project Link:** [Preview](#)
- **MLOps With DAGShub**: The model is trained on a dataset of Elasticsearch documents. The model is monitored locally using MLflow and remotely using DAGSflow.  
**Project Link:** [Preview](#)