HARSH VASISHT

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COURSE WORK

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

EDUCATION

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

SKILLS

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

EXPERIENCES

XR Open Source Fellow   APR 2023 - Present
Focally   *Bangalore, KA*

- To develop a tool for translating ISL to promote effective communication between deaf and dumb people.
- Convert ISL to text, allowing the two persons to communicate more effectively.

Project Intern   OCT 2022 - APR 2023
STMicroelectronics   *Greater Noida, UP*

- Built a bridging product which brings AI-powered machines into our day-to-day life.
- Developed and optimized an algorithm to detect heart rate using Webcam.

Campus Tech Leader   JUN 2022 - OCT 2022
iNeuron.ai   *Remote*

- Organized one of North India's Largest Hackathon (Tech-A-Thon 3.0) with over 900 participants.
- Mentored Quantum Machine Learning to students.

AI Engineer Intern   APR 2022 – JUL 2022
Signy Advanced Technologies   *Remote*

- Analyzed datasets like UTK, LFW, Google dataset, etc.
- Built Deep Learning Models for human activity, face, object, age detection.

Software Developer Intern   JUN 2021 - DEC 2021
TechLearnIt   *Remote*

- Built and Deployed a web app purposed to recommend products.
- Used transfer learning and sentiment analysis.

SELECTED PROJECTS

- **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.
- **AI-enabled Gym Trainer**: Built a project that uses camera reps and body postures while you train, along with sharing diet tips based on your physical attributes.

ACHIEVEMENTS / EXTRA-CURRICULAR ACTIVITIES

- Merit Scholarship holder, secured 1st position in my program (IV semester).
- AI/ML Lead at both Google DSC and Microsoft LSA.
- Former Team Lead at Signy Advanced Technologies (Now Pruvid) (2022).