Kshitij Hupare
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EDUCATION

Bachelor of Computer Science, Walchand Institute of Technology, Solapur. -2024
High school, Tatyasaheb Musale Vidyalaya & Junior, Ichalkaranji, Kolhapur. -2020
Secondary school, Housabai Jaypal Magdum Public High School, Nimshirgaon, Kolhapur. -2018

SKILLS

Technical Skills Python, .Net, Cloud Technologies, SQL, Java, JavaScript, IOT, react.js, MongoDB.
Soft Skills Observation, Communication, Presentation
Certifications Python Programmer Certification. (Infosys)
.NET Full Stack Developer Certification (Infosys)
Artificial Intelligence Primer Certification. (Infosys)
Artificial Intelligence Foundation Certification. (Infosys)

EXPERIENCE

Internships

❖ **Cybernetik Technologies.** Pune, Maharashtra.

- Built 6+ industrial GUIs using Qt Designer and PyQt5 for clients like Battrixx, Livguard, and Hero MotoCorp, improving usability and reducing setup time by 30%.
- Developed Python backends with real-time control, database integration (pyodbc), and Modbus communication (pyModbusTCP), boosting system efficiency by 40%.
- Used OpenCV for automated fault detection, reducing manual inspection time by 85%.
- Embedded live dashboards via PyQtWebEngine, enhancing on-site monitoring and diagnostics.

❖ **Vijesha IT Solutions.**

- Implemented data-frame handling models in Artificial Intelligence, Machine Learning, and Python.
- Developed a recommendation system using collaborative filtering, content-based filtering, and TensorFlow.
- It introduced me to the industry-level applications of Artificial Intelligence, Machine Learning, and Big Data Analysis, inspiring me to explore further applications in this area.

PROJECTS

- **Digital shopping cart/trolley (Internet of things)**
  - Created a digital shopping cart/trolley to reduce the waiting time at the billing desk.
  - The project was implemented using infrared sensors, Raspberry Pi, CCD (Charged Coupled Device) sensor, microcontroller, LCD screen, and proximity sensors
  - The data was stored and processed the data on the AWS Cloud.
- **Responsive web application for the textile business (Web development)**
  - Developed a web application to automate inventory management, marketing, and sales.
  - It was a 3-tier architecture implemented using React.js, HTML, CSS for front-end, JavaScript as middleware, and MongoDB as database.
  - To enable the CRM (Customer Relationship Management) in the web application, we trained an AI model to receive feedback from the merchants.

Courses

- Introduction to Python. Sept. 2021
- Java Programming Fundamentals. Apr. 2022
- Python Data Structures and Algorithms. Oct. 2021
- Computer Vision 101. Jan. 2023
- Introduction to Natural Language Processing. Jan. 2023
- RHCSA - RedHat certified System Administration. Aug. 2023