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Safina Khatun

Technical Skill : Java, Python, SQL, Flask, Jinja2, HTML, CSS, Bootstrap, SQLite, jQuery, Javascript

Certification:

- The Bits and Bytes of Computer Networking | Authorized by Google and offered through Coursera
- Cybersecurity Analyst Job Simulation | Forage
- Introduction to Data Analytics | IBM
- Google Analytics | Google Analytics Academy
- Robotics and Automation | Itronix Solutions

EDUCATION			
Board	Tenure	Educational Institute	CGPA/Percentage
B.Tech	2022-Present	VIT Bhopal, Madhya Pradesh	8.11/10.00
Class XII	July 2021	Jawahar Navodaya Vidyalaya, Nadia	88.00%
Class X	July 2019	Jawahar Navodaya Vidyalaya, Birbhum	90.00%

ACADEMIC PROJECTS	
Full Stack	Web Design : Technical resource website (Sep 23 - Dec 23) <ul style="list-style-type: none">• Created a user-friendly technical resource website for documentation and tutorials.• Utilized responsive design for optimal performance across devices.• Integrated search and categorization features to improve navigation.• Conducted usability testing for continuous improvement.

ACADEMIC PROJECTS	
Full Stack	Quiz Master – V1 Flask, Jinja2, SQLite (Jan 25 - Mar 25) <ul style="list-style-type: none"> Built a multi-user quiz platform with admin and user roles. Developed CRUD features for subjects, chapters, quizzes, and scores. Implemented secure authentication and real-time quiz tracking. Designed a responsive UI with Bootstrap and data visualization using Chart.js.
Deep Learning	Alzheimer Detection Python, TensorFlow, CNNs (Jan 24 - Apr 24) <ul style="list-style-type: none"> Developed a deep learning model in Python and TensorFlow to detect early-stage Alzheimer's with over 70% accuracy. Processed MRI scans for training, optimizing a CNN for medical image analysis. Conducted research to enhance model performance in identifying early Alzheimer's symptoms.
Machine Learning	Smart Farm Management System (Aug 24 - Ongoing) <ul style="list-style-type: none"> Developed a smart farm management system for sales, weather monitoring, and soil health. Implemented machine learning for crop recommendations. Designed a user-friendly interface for farmers. Collaborated on sustainable farming practices.

CO-CURRICULAR	
Coding	<ul style="list-style-type: none"> Achieved 5 Star on HackerRank in Python Secured 2nd position in Python Coding Challenge in Saavan 23 at IIT Madras

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none"> Reading Blogs and fiction novels along with reading about recent trends in the tech industry Regional Level Yoga Championship Gold Medalist Year- 2015, 2016, 2017,2018

ADDITIONAL INFORMATION	
Languages	English, Hindi, Bengali