



Registration Number: 21BHI10014

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<https://github.com/shivani-2909>

Shivani Arora

Technical Skills: Java, Python, HTML/CSS, JavaScript, Machine Learning, Deep Learning, SQL

Certification:

- AWS Cloud Practitioner, 01/2024
- Applied Machine Learning in Python, Coursera, 01/2023

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) Health Informatics	Jun 21 –Ongoing	VIT Bhopal University	9.2/10
Class XII	Jul 21	Modern Delhi Public School, Faridabad	95.4%
Class X	May 19	St. Peter's School, Faridabad	95.2%

ACADEMIC PROJECTS

Full Stack Development & Machine Learning	<ul style="list-style-type: none">▪ ML Powered Mental Health Support Platform (10/2023 – 03/2024)<ul style="list-style-type: none">- Description: Developed Samanvay, a web application leveraging advanced ML algorithms for mental health assessment and support. Implemented sentiment analysis using BERT NLP to offer personalized solutions.- Technology: MERN Stack, NLP (BERT), EmailJS, NextJS, Flask, WebRTC- Team Project: 2 member- Role: FrontEnd Developer, ML Design Algorithm- Link and Results: https://samanvay-v2.vercel.app/
Deep Learning	<ul style="list-style-type: none">▪ Ocular Disease Prediction (10/2022– 02/2023)<ul style="list-style-type: none">- Description: Developed 'Vision Crowning,' an AI-powered system for precise diagnosis of ocular diseases from fundus images such as Normal, Diabetic Retinopathy, Cataract, and Glaucoma using cutting-edge deep learning techniques.- Technology: Keras, TensorFlow, Deep Neural Networks - DenseNet201 and EfficientNet B3- Team size – 1(solo)- Link and Results: https://github.com/shivani-2909/Ocular-Disease-Classiffication

INTERNSHIP

Hibiscus Neotech Pvt. Ltd, Noida, UP 12/2023 – 02/2024	<ul style="list-style-type: none">▪ Developer Intern:<ul style="list-style-type: none">- Implemented document analysis for US healthcare claims using AWS services like AWS Lambda, CloudWatch, S3, and DynamoDB.- Developed image classification model for paper claims, enhancing accuracy.- Built Django APIs for seamless communication between system components.
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CO-CURRICULARS

Coding	<ul style="list-style-type: none">▪ Hackerrank 5 Star in Java.▪ GFG, University rank - 524
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EXTRA-CURRICULARS AND ACHIEVEMENTS

Responsibilities	<ul style="list-style-type: none">▪ Technical Head, D2C Igniters Club - Organized events like TechStars and blind coding competitions, fostering a vibrant tech community and managing major events with over 200 attendees.
Extracurricular	<ul style="list-style-type: none">▪ Second Place, Basketball, AdvITYa (Intra-University Sports event) (Feb 24)▪ Participant, Dance Competition (Inter-University), VIT, (Aug 23)

ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Avid Book Reader – Devoted to reading a wide variety of books, fostering positive habits, and promoting mental well-being.▪ Sports – Badminton and Basketball
Languages	<ul style="list-style-type: none">▪ English, Hindi