

Vanshika Aggarwal

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EDUCATION

Netaji Subhas University of Technology

B.Tech(Information Technology)

Dec, 2021 - May, 2025

7.03

BL Memorial School

10th and 12th

2018 – 2020

96.6%, 90.2%

EXPERIENCE

Bharat Intern

Web development intern

June, 2024 - Present

- **Website Redesign and Hosting:** Leading the integration with AWS S3 bucket, improving a website load, and redesigning the user interface.
- **Donor Management System Development:** Implementing core backend functionalities using Node.js, reducing data processing, and integrating secure payment gateways, and donation tracking accuracy for NGO website.

PROJECTS

Fashion LineUp Using GAN || Python, PyTorch, TensorFlow, StreamLit

[Github code](#)

- Developed a GAN-based tool to create trendsetting fashion lineups.
- Utilized GANs to generate personalized and futuristic fashion designs.
- Empowered designers by predicting fashion trends with AI.
- Created a captivating fashion lineup using GAN technology.

Log Ingestor and Query Interface (Web App) || Python, Flask, MongoDB

[Github code](#)

- Developed a web app for uploading logs and detecting anomalies.
- Simplified CSV processing with a log ingestor and query interface.
- Enabled clients to upload CSVs and identify irregularities through anomaly detection.

MERN AUTH (Web App) || React, ExpressJs, MongoDB, Redux Toolkit, JWT

[Live](#) | [Github code](#)

- Used MERN stack to create an Authentication app.
- Implemented OAuth (Google, Facebook) and email/password authentication methods.
- Used Redux-toolkit for global state management of front end.

JEXA (Ecommerce Site) || React, Django, MongoDB, Web Scraping

[Github code](#)

- Developed an e-commerce site with cart and payment gateway features.
- Created a responsive design using Bootstrap for web-friendly experience.
- Improved performance with ensemble learning through model stacking.
- Built a custom CMS using Node.js and MongoDB for inventory management.
- Implemented a responsive checkout page using React and Stripe API.

CERTIFICATIONS AND TRAINING

Ethical Hacking || [Link](#)

Data analytics with python || [Link](#)

Graph theory by AlgoUniversity || [Link](#)

TECHNICAL SKILLS

Languages: C++, JavaScript,HTML , CSS, Python

Frameworks: AJAX, Flask, Numpy

Databases: MySql, MongoDB

Developer Tools : Git, Docker, AWS, VS Code

ACHIEVEMENTS

Data Structures and Algorithms Solved 450+ questions on Leetcode and GFG(2024)

Secured **All India Rank of 3412** in Joint Entrance Examination (**JEE Main 2021**) among 1.2MM students.

Secured **All India Rank of 8422** in Joint Entrance Examination (**JEE Advanced 2021**) among 0.2MM students.

Secured **Rank-3**, in International Mathematics Olympiad, (IMO,2020)