

# Aryan Shah

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## EDUCATION

### Vellore Institute of Technology

Vellore, Tamil Nadu | Sep 2022 - Present

B.Tech in Computer Science and Engineering (CGPA: 9.23)

**Relevant Courses:** AI, Database Systems, Computer Networks, DSA, DAA, AWS Solutions Architect, Operating Systems

### D.A.V. Public School | 12<sup>th</sup> CBSE (Percentage: 93%)

Pune, Maharashtra | Aug 2020 – Jul 2022

## EXPERIENCE

### AutomationEdge | AI Intern

Pune, Maharashtra | Jul 2024 – Present

- Designing and implementing generative AI models, such as GANs or VAEs, for specific applications.
- Leveraging tools and frameworks for building and deploying generative AI models, ensuring high performance and scalability.

### ValueDX | Data Science Intern

Pune, Maharashtra | Jun 2024 – Jul 2024

- Developed and refined high-performance Machine Learning and Deep Learning models, incorporating NLP methodologies to enhance text-based applications.
- Performed comprehensive Exploratory Data Analysis to derive meaningful insights, supporting advanced analytical and decision-making processes.

## PROJECTS

### Summer Olympics Data Analysis

Jul 2024

- Conducted a comprehensive exploratory data analysis of the Olympic Games dataset, encompassing over 270,000 athletes from 1896 to 2016.
- Streamlined data cleaning and analysis, providing actionable insights for predictive modelling and strategic decisions.

### gradifyVIT – Comprehensive Grade Prediction and Academic Analysis for VIT

Apr 2024

- Developed a web platform using front-end technologies to provide VIT students with tools for addressing the need for precise academic management.
- Created an intuitive and interactive interface to enhance students' ability to monitor and manage their academic performance effectively.

## TECHNICAL SKILLS

**Languages:** Python, Java, SQL, C, C++, JavaScript, R, React, Next.js, HTML, CSS, Verilog, Matlab, Assembly

**Frontend:** HTML, CSS, Tailwind, Bootstrap, Next.js

**Data Visualization:** Matplotlib, Seaborn, Plotly

**ML Tools:** Pandas, NumPy, Scikit Learn

**LLMs:** LangChain, HuggingFace, Transformer, Llama, Open AI

**Database Management:** MySQL, SQL Plus, MongoDB

**Web Technologies:** Next.js, Axios

**Cloud Technology:** AWS

**Operating Systems:** Linux, Windows

## EXTRACURRICULAR

The Institution of Technology and Engineering (IET-VIT) | Vice Chairperson and Media Head

Jan 2024 – Present

## SPORTS

### International Chess Player | Active Indian Rank: 579

Jan 2010 – Present

Outstanding Chess Performance Award, 2023 – 2024

Vellore Institute of Technology | 2024

1 Silver at All India Inter Zone Inter University Chess Championship

Manipal Academy of Higher Education | 2023

2 Gold at 65<sup>th</sup> U17 SGFI National Chess Championship

Kolkata, WB | 2019

1 Gold at 9<sup>th</sup> U16 National Schools Chess Championship

Aurangabad, MH | 2019

1 Gold at U17 CISCE National Chess Championship

Amritsar, PB | 2019