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 | 12th CBSE **(Percentage: 93%)** *Pune, Maharashtra | Aug 2020 – Jul 2022*

EXPERIENCE

DevDynamics | *Product Intern* *Pune, Maharashtra | Dec 2024 – Present*

ValueDX | *Data Science Intern* *Pune, Maharashtra | Jun 2024 – Jul 2024*
- Built and deployed applications using advanced LLMs like Google PaLM, Meta's LLaMA 3, and Microsoft Phi 3, showcasing expertise in Generative AI and NLP.
- Developed robust machine learning workflows, including data preprocessing, model training, and evaluation on large datasets, emphasizing skills in predictive modeling, statistical analysis, and feature engineering.

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 | **Database Management**: MySQL, SQL Plus, MongoDB
Data Visualization: Matplotlib, Seaborn, Plotly | **Web Technologies:** Next.js, Axios
ML Tools: Pandas, NumPy, Scikit Learn | **Cloud Technology:** AWS
LLMs: LangChain, HuggingFace, Transformer, Llama, Open AI | **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 65th U17 SGFI National Chess Championship *Kolkata, WB | 2019*
1 Gold at 9th U16 National Schools Chess Championship *Aurangabad, MH | 2019*
1 Gold at U17 CISCE National Chess Championship *Amritsar, PB | 2019*