Aryan Shah

+91 9011926514 | aryanshah1957@gmail.com | linkedin.com/in/aryanashah/| github.com/AryanShah30

EDUCATION

Vellore Institute of Technology   *Vellore, Tamil Nadu | Sep 2022 - Present*
B.Tech in Computer Science and Engineering (CGPA: 9.31)
D.A.V. Public School | 12th CBSE (**Percentage: 93%**)   *Pune, Maharashtra* | **Aug 2020 – Jul 2022**
Wisdom World School | 10th CISCE (**Percentage: 96%**)   *Pune, Maharashtra* | **Jun 2010 – Jul 2020**

EXPERIENCE

DevDynamics | *Product Intern*   *Pune, Maharashtra* | **Dec 2024 – Jan 2025**
- Conducted in-depth market research and competitive analysis for an engineering analysis platform, identifying industry trends and user needs to shape product strategy.
- Synthesized research findings into actionable insights, contributing to data-driven decision-making in a fast-paced startup environment.

ValueDX | *Data Science Intern*   *Pune, Maharashtra* | **Jun 2024 – Jul 2024**
- Implemented ML workflows using advanced LLMs for Generative AI and NLP tasks. Optimized data preprocessing, model training, and evaluation on large datasets, driving improved predictive performance and supporting ethical, data-driven decision-making.

PROJECTS AND PUBLICATIONS

Zero-Lag Chess – The Ultimate Serverless Experience (aryanshah30.github.io/zero-lag-chess/)   **Feb 2025**
- Engineered a fully serverless chess platform entirely in pure JavaScript, built from scratch with comprehensive move validation and advanced UI customization for a high-performance, regulation-compliant experience.
- Eliminated traditional chess app limitations by removing backend dependencies, account creation, and data tracking, delivering a seamless, privacy-focused, and cross-device gaming experience.

gradifyVIT – Comprehensive Grade Prediction and Academic Analysis for VIT (gradifyvit.github.io)   **Apr 2024**
- Developed a comprehensive academic analysis tool for VIT students, built with advanced front-end technologies. Technically robust and user-centric, this solution empowers students with real-time academic insights, fostering a culture of accountability and informed decision-making within the academic community.

Advancing Healthcare with AWS Cloud: The Role of AI and Machine Learning in Transforming Medical Practices   *Jan 2025 - Present*
- Drafting an in-depth review paper that critically examines how integrating cloud technology with AI/ML is revolutionizing modern healthcare delivery and patient outcomes.

TECHNICAL SKILLS

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

Frontend: HTML, CSS, JS, Tailwind, Bootstrap, Next.js   **Database Management**: MySQL, SQL Plus, MongoDB
Data Visualization: Matplotlib, Seaborn, Plotly   **Web Technologies:** Flask, Next.js, Axios
ML Tools: Pandas, NumPy, Scikit Learn   **Cloud Technology:** AWS
LLMs: LangChain, HuggingFace, Transformer, Llama, Open AI   **Operating Systems:** Linux, Windows

EXTRACURRICULAR AND SPORTS ACHIEVEMENTS

The Institution of Technology and Engineering (IET-VIT) | *Vice Chairperson and Media Head*   **Jan 2024 – Feb 2025**

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**