

Aryan Kush

aaryankush05@gmail.com | 8221806079 | LinkedIn | GitHub

Education

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science and Engineering

CGPA: 8.60

June 2026

Holy Convent, Delhi — 12th CBSE

91.8% (2021)

Model School, Rohtak — 10th CBSE

95% (2019)

Work Experience

Python Web Intern (Remote)

Sep 2024 – Nov 2024

Mymegaminds

- Optimized backend using Flask + SQL, boosting traffic 300% and reducing query time by 25%.
- Built DB system handling 500+ daily entries with 99.9% accuracy.

Software Testing Intern

Oct 2024 – Dec 2024

Hyaku Innovative Technologies, Jaipur

- Reported 100+ critical bugs, cutting post-release defects by 30%.
- Improved bug-reporting workflow, reducing issue resolution time by 20%.
- streamlined bug reporting,improving issue resolution time by 20% and ensuring ISO 9001:2015 compliance.

Machine Learning Intern

June 2025 – July 2025

Rachayitha

- Completed a Summer Internship with Rachayitha's Machine Learning team from June 1, 2025, to July 30, 2025, focusing on the Rachayitha web app
- Contributed to developing and optimizing ML models for core functionalities, specifically in recommendation and content analysis
- Demonstrated strong professional aptitude, described as technically sound, sincere, and hardworking , with successful completion of all assigned tasks.

Projects

DocHealth || GitHub Link

Dec 2024 – Mar 2025

HTML/CSS, JS, React, Node, MongoDB, OpenAI, TensorFlow, AWS, Docker

- Implemented SVM + NLP models for medical text classification.
- Developed real-time patient chatbot and doctor reporting dashboard.
- Build reporting and analysis portal enabling doctors to review patients submissions efficiently.

Budget Tracker App

Jan 2025 – Apr 2025

TypeScript, React, Next.js, SQL, Tailwind, Prisma, Clerk, Recharts

- Built full-stack finance tracker with monthly/yearly aggregation.
- Improved engagement by 35% via customizable categories.
- Integrated Clerk authentication and Prisma ORM for secure PostgreSQL operations.

Technical Skills

- Languages:** Python, C++, SQL, JavaScript, HTML/CSS
- Frameworks/Tools:** NumPy, Pandas, TensorFlow, Matplotlib, React, SDLC
- Cloud/DevOps:** Git, AWS, Linux, System Design
- BI Tools:** Power BI, Tableau
- Certifications:** IBM Generative AI, IBM CyberSecurity, OCI GenAI Professional, Oracle Cloud Infrastructure

Achievements

- Solved 200+ DSA questions on LeetCode
- Advanced to Level 2 of EY-Techathon
- Advanced to Round 2 of NOKIA Hackathon
- Co-authored research papers on AI and Breast Cancer Detection
- Advanced to CodeVita Round 2