ADITYA JOSHI

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Portfolio: https://thisisaditya17.github.io/portfolio-website/

EDUCATION

National University of Singapore   **Aug 2023 - PRESENT**
Bachelor of Computing
- GPA: 4.00

Saraf Public School   **Apr 2007 - Jul 2022**
Central Board of Secondary Education
- (Non-Medical – Physics, Chemistry, Maths, English, Computer Science, Painting)
- 12th CBSE Board Exams: 97.8%
- 10th CBSE Board Exams: 95.6%
- Certificate of Merit for outstanding academic performance and being in top 0.1 percentile out of 2 million students

EXPERIENCE

Incoming R&D Software Developer Intern, Laconic Technology Company Limited, Bangkok, Thailand   **May 2025 – Aug 2025**
- Will contribute to the research and development of software products through coding, testing, and debugging.
- Will collaborate with cross-functional teams to design and implement new features and optimize existing systems.
- Will be mentored by the R&D Senior Developer, with structured training, weekly feedback, and hands-on project work.

Tech Executive, Artimal, Singapore   **Oct 2024 – Jan 2025**
- Leading tech initiatives for Artimal, developing chatbot to be used as mascots.
- Maintaining the database for the chatbot in MySQL.
- Managing software projects, ensuring timely delivery and alignment with business goals.

Publicity Head, NUS Electronic Music Lab, Singapore   **Aug 2024 – May 2025**
- Led publicity for the NUS Electronic Music Lab, a co-curricular activity at NUS.
- Managed social media, growing the lab's online presence and engaging the student community.
- Prepared materials to promote live performances and workshops, boosting overall success.

Co-Founder, Bookism, Khatima, India   **Jan 2022 - Sep 2022**
- Co-founded a book rental start-up along and over-looked shipping and collection.
- Gathered 200 people initially within a week and rented over 30 books.
- Conducted 3 seminars and got more than 100 students onboard.

PROJECTS

KAYO, Orbital Project   **May 2024 - Aug 2024**
- Developed "KAYO", a web-based platform aimed at improving the accuracy and reliability of AI models like ChatGPT for document analysis.

- The platform minimizes hallucinations and irrelevant outputs, enhancing the extraction of relevant information for academic, research, and professional use.
- Achieved "Level Apollo 11," the second-highest level for the project.
- Responsible for backend development and ensuring the smooth functionality of the KAYO platform.

CS2103T (Software Engineering Module)   **Aug 2024 – Dec 2024**
- Developed a task manager application using Java and JavaFX
- Developed user interface using JavaFX for a team project

Video Game Sales Predictor   **Apr 2025**
- Developed a machine learning model to predict global video game sales using Linear Regression.
- Visualized model predictions against actual sales in a scatter plot, improving understanding of model performance.
- Technologies used**:** Python, Pandas, Scikit-learn, Seabreeze

TECHNICAL SKILLS & ABILITIES

Programming Languages: Python, Java, C, C++, HTML, CSS
Version Control: Git, GitHub
Database: MySQL
Microsoft Office Suite: Word, Excel, PowerPoint
Adobe Creative Cloud: Premier Pro, Lightroom, After Effects, Character Animator
Others: DaVinci Resolve, MATLAB, FL Studio, Ableton Live

CO-CURRICULA AND VOLUNTEER EXPERIENCE

Member, Softball (Kent Ridge Hall), Singapore   **Aug 2023 – PRESENT**
- Part of the Hall Team and played in Inter Hall Games and were 2nd runner up.

Member, Video Production Team (Kent Ridge Hall), Singapore   **Oct 2023 – May 2024**
- Part of video production team responsible for recording events conducted by Kent Ridge Hall and creating appropriately edited content for promotion and publicity.

Member, Tara Baal Sanstha, Khatima, India   **Sep 2021**
- Taught 20 underprivileged children and donated books and other literatures

ACTIVITIES AND INTERESTS

- Language Proficiency: English [Fluent], Hindi [Mother Tongue]
- Music Production, Filmmaking, Poetry, Basketball, Hip-Hop, Anime, Photography