VIVAAN SINGH

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EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY BANGALORE – Bangalore, India   **Oct 2021 - Present**
Bachelor of Technology
- Computer Science and Engineering
- Currently studying in 3rd Year- 5th Semester
- Current CGPA 9.20/10.00

LA MARTINIERE COLLEGE , LUCKNOW   **Jun 2019 - May 2021**
Indian School Certificate(ISC) - Standard 12
- Subjects - English, Mathematics, Physics, Chemistry, Computer Science
- Marks Obtained – 92.6%

LA MARTINIERE COLLEGE , LUCKNOW   **Jun 2007 - May 2019**
Indian Certificate of Secondary Education(ICSE) - Standard 10
- Subjects - English, Mathematics, Physics, Chemistry, Computer Science, Hindi, History, Geography
- Marks Obtained – 90%

PROJECTS

Open Source Technologies Lab – Restaurant Management System   **July 2022 – Nov 2022**
- Developed a responsive and user-friendly website for an Open Source Technologies Lab, utilizing HTML and CSS to create an informative and visually appealing online platform.
- The project is conducted under the guidance of the university professor
- Project outcome – The resulting website serves as a professional and informative online presence for the Open Source Technologies Lab, showcasing their mission, projects, and team members. The responsive design ensures accessibility to a wide range of users.
- Technology used
- HTML5: Used for structuring the web page content.
- CSS3: Applied for styling, layout, and design.

Database Management System – Bank Management System   **Jan 2023 – April 2023**
- Designed and implemented a database management system for an online bookstore, streamlining inventory management, order processing, and customer interactions using database technologies.
- Technology used
- SQL: Utilized for database query and manipulation.
- Programming languages for the front-end (e.g., HTML, CSS, JavaScript)

Computer Networks – Bank Management System   **Sept 2023 - Present**
- Developed a secure bank management system over computer networks, addressing the need for efficient , secure withdrawal of money.
- Technology used
- Networking protocols and technologies (e.g., TCP/IP, sockets)
- Network packet analysis tools (e.g., Wireshark)

Operating System – Process Scheduler   **Sept 2023 - Present**
- Designed and implemented process scheduler as part of an independent project, gaining hands-on experience in operating system development.
- Technology used
- Debugging and profiling tools
- Online resources, books, and tutorials on operating system development

ACTIVITY

House Prefect – Hodson House, La Martiniere College   **April 2019- May 2021**
- Provided leadership to the growth and activities of the house

Member –Codex Club, MITB   **Nov 2021- Oct 2022**
- Provided leadership to the growth and activities of the club

Volunteer, Volunteer Service Organization – Bangalore, India   **Jan 2021 - Present**
- Volunteered with NGO namely "Volunteer Service Organization" over the last 2 years to enhance the lives of the poor & needy in Bangalore.

ADDITIONAL
- Technical Skills: Java, C, Verilog, HTML, CSS
- Language fluency: English, Hindi
- DOB – 10th April, 2003