Mayank Singhal

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EDUCATION

Manipal University Jaipur   Jaipur, RJ
B.Tech Computer Science Engineering GPA:8.23   Sep 2022 – July 2024

Lovely Public Sr. Sec. School   Delhi, India
CBSE PCM 93.2%   April 2020 – May 2022

EXPERIENCE

LaVisuals, Discord   Feb 2021 – August 2024
Owner/Founder

- Spearheaded and launched a thriving online marketplace, offering premium anime graphics to customers.
- Utilized targeted marketing strategies and personalized customer service to foster a loyal customer base of over 300 individuals.
- Spearheaded effective customer engagement and business development efforts, resulting in an impressive revenue growth of 30%.
- Successfully delivered workshops and bootcamps to groups of 25+ participants.

EXTRA-CURRICULAR & CERTIFICATIONS

Goldman Sachs Software Engineering Virtual Experience Program   May 2024
Forage Platform

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified outdated password hashing algorithms by cracking passwords using Hashcat, showcasing expertise in IT security analysis.
- Drafted a comprehensive memo detailing proposed enhancements to password protection; recommended increasing minimum password length from 8 to 12 characters and implementing a dedicated hashing algorithm, strengthening overall security measures.

VOLUNTEERING POSITIONS

Elicit 23, MUJ ACM Sigbed Chapter   Sep 2023 – Oct 2023
Head of Events   *Jaipur, RJ*

- Directed event planning, delivering three successful events with 10,000+ attendees each.
- Drafted event strategies, including detailed timelines, ensuring seamless execution and alignment with organizational goals; increased event attendance by 25%.

PROJECTS

Heart Disease Risk Assessment | *Typescript, Python, Tailwind CSS, Vite*   July 2024 – Present

- Developed a web-based tool to assess heart disease risk using health data and AI-powered logistic regression models.
- Built a responsive web application using React and TypeScript, enhancing user experience through intuitive forms and informative result displays, while ensuring accessibility and usability.

TECHNICAL SKILLS

Languages: C, Java(Basics), Python, JavaScript, TypeScript, SQL
Technologies & Tools: ReactJS, Bootstrap, HTML 5, CSS, NodeJS, ExpressJS, Tailwind CSS
Developer Tools: Git, GitHub, MySQL, Notion, Slack, Figma
Educational Courses: Data Structures and Algorithms, OS, DBMS, Computer Networks
Business Skills: Marketing, Collaboration, Operations, Project Management, Team Building
Certificates: Managing Network Security, Introduction to Java, Cisco Switching, Routing, and Wireless Essentials, Goldman Sachs Software Engineering Virtual Experience Program