VANSH SINGLA

Barnala, Punjab

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Education

Thapar Institute Of Engineering and Technology **Aug. 2023 – May 2027**
Bachelor of Engineering – Computer Engineering (COE) *Patiala, Punjab*
CGPA : 9.31/10.00

Sarvottam Academy **Apr. 2021 – Apr. 2023**
Class XII (CBSE) *Barnala, Punjab*
Percentage : 86.5%

Experience

Event Management **July 2023 – Jan. 2024**
Student Alumni Interaction Cell, Entrepreneurship Development Cell *Patiala, Punjab*

- Organized and managed 6+ large-scale events at SAIC, including flagship events like **Exordium** (300+ attendees) and **Connect** (200+ participants).
- Led a 10-member volunteer team for on-ground execution, resulting in 95% event satisfaction based on post-event surveys.
- Collaborated with 15+ alumni and industry experts, facilitating impactful networking sessions for 500+ students.

Projects

Influencer **Link | Github**

- Developed a full-stack web application using HTML/CSS, JavaScript, Bootstrap, Node.js, MySQL, AngularJS, jQuery, and Express.js.
- Designed an intuitive Bootstrap frontend for seamless user experience.
- Built a dynamic MySQL database for influencers and clients to manage profiles and campaigns.
- Implemented search and email services to connect clients with influencers based on requirements.
- The platform serves as a bridge between influencers and clients, facilitating collaboration on marketing campaigns .

FranchiseFlow **Link | Github**

- Built a MERN-stack application for franchise management with daily sales uploads.
- Designed interactive dashboard with graphs and pie charts to monitor performance.
- Implemented JWT authentication and Email.js verification for secure onboarding.
- Developed a FAQ chatbot and derived insights from data analysis for improvements.
- Utilized data analysis to derive insights for future improvements .

Analytical Skills

Financial Market Analysis

- Managed a personal investment portfolio worth **48,627.36** INR, achieving a **12.3% annualized return** through active equity and mutual fund selection.
- Utilized **RSI (14)** and **Bollinger Bands (20, 2)** to identify short-term entry/exit points, improving trade success rate to **68%**.
- Analyzed **50+ stocks** using fundamental indicators such as **P/E ratio, earnings reports, and debt-to-equity ratio** for long-term allocation decisions.

Technical Skills

Languages: C, C++, Java (J2SE), Python, Javascript, HTML, CSS
Frameworks/Libraries: React.js, Express.js, Node.js, Tailwind CSS, Bootstrap, jQuery, Angular
Databases: MongoDB, MySQL
Developer Tools: Postman, VS Code, Git, GitHub
CS Fundamentals: Operating Systems, OOP, Data Structures & Algorithms

Certifications

C/C++	Click Here
Data Structures & Algorithms	Click Here
Full Stack Web Development	Click Here

Achievements

Awarded University scholarship worth **1,92,210 INR** for academic excellence

Solved 250+ Problems on **LeetCode** **Click Here**

Codechef Rating of 1425+ **Click Here**