Vanshika Tyagi

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Technical Skills

- **Programming Languages:** Java, Python, JavaScript, SQL
- **Frameworks/Libraries:** React.js, HTML5, CSS3, JavaScript
- **Cloud & DevOps:** AWS, Docker, Git, Version Control, CI/CD, Deployment
- **Business & Strategy Tools:** Market Research, HubSpot/CRM, Workflow Automation, Data Analysis

Professional Experience

Strategy & Marketing Intern   **Synapse Technologies**
Remote   *July 2024 – December 2024*

- Conducted **market research** on customer segments and competitors to support digital campaigns and outreach strategies.
- Assisted in **sales pipeline management** using CRM tools; tracked deal movement and flagged risks to ensure smooth client acquisition.
- Leveraged **AI tools (ChatGPT, Claude)** to automate research summaries, email drafts, and reporting workflows, boosting productivity.
- Built dashboards and prepared **data-driven insights** for leadership on client engagement, campaign performance, and growth opportunities.
- Collaborated with founders and cross-functional teams (product, design, sales) to support **client strategy, messaging, and follow-ups**.

Projects

VideoSync — Frontend Developer   **August 2023**

- Built a WebRTC-based video conferencing platform supporting 100+ users with 99.9% uptime, enabling reliable **remote collaboration**.
- Reduced latency by 40% and handled 1,000+ chat messages per minute, improving **user productivity and engagement**.
- Designed secure authentication with JWT for 500+ daily active users, ensuring **data privacy and trust**.
- Improved platform load speed by 25% through performance optimizations, enhancing **user experience**.

QuickBoarder — Frontend Developer   **March 2024**

- Designed an e-commerce catalog for 10,000+ listings, streamlining discovery with **advanced search & filters**.
- Automated onboarding workflows, reducing setup time by 60% and supporting **faster business activation**.
- Implemented mobile-first design achieving sub-2s load times, driving **high customer satisfaction**.
- Collected and applied user feedback from 50+ businesses, reaching a 95% satisfaction rate during beta testing.
- Integrated REST APIs for real-time inventory updates, ensuring **seamless operations and decision-making**.

Education

Bachelor of Technology, Computer Science and Engineering   **VIT Bhopal University**
Bhopal, India   *May 2026*

- **CGPA:** 8.41 / 10.0

Senior Secondary Education ,Science   **CH. Chhabil Dass Public School**
Ghaziabad, India   *April 2022*

- **Percentage:** 86%

Certifications and Achievements

- Cloud Computing Fundamentals (NPTEL) – Top 5% of participants with distinction
- The Bits and Bytes of Computer Networking (Coursera) – 95% completion score
- Python Programming Essentials Training (Vityarthi) – Advanced Level Certification
- SQL Database Management (HackerRank) – Verified Skill Assessment Badge

Additional Information

- **Coding Proficiency:** 200+ LeetCode problems solved across easy, medium, and hard difficulty levels
- **Languages:** English (Fluent), Hindi (Native)
- **Personal Interests:** Sketching, Traveling, Watching Anime, Photography