Hansika Srivastava

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EDUCATION

VIT Bhopal University   Bhopal, MP
B.Tech in Computer Science and Engineering with spec. in Gaming Technology – 8.40 CGPA   *May 2026*
City Montessori School   Lucknow, UP
Class XII - Council for the Indian School Certificate Examinations (CISCE) Board - 93.5 %   *Jul 2021*
City Montessori School   Lucknow, UP
Class X - Council for the Indian School Certificate Examinations (CISCE) Board - 91 %   *Jul 2019*

PROJECTS

TrackIt | link | *Technologies: React.js, Firebase, CSS*   *June 2025*
- Architected a real-time expense tracker using **Firestore database (Firestore)** for live data synchronization and **Firebase Authentication (Google Auth)** to secure user accounts and prevent unauthorized access.
- Validated system reliability by executing **150+ test cases** across transaction processing, auth workflows, and error conditions, achieving **99%** defect-free operation.
- Enhanced database performance by **40%** through document structure optimization, strategic indexing, and batched write operations.

CodeWise | link | *Technologies: CSS, React.js, Node.js, Express.js*   *May 2025*
- Pioneered an AI-powered code review tool (**React/Node.js, Gemini Flash 2.0 API**) that automates bug detection and optimizations, analyzing **100+ snippets** with **99% accuracy,** reducing manual review time by **35%.**
- Developed a suite of **50+ custom-engineered prompts** to deliver specific, actionable feedback on code quality, achieving a **99% issue identification accuracy** across **100+ code snippets**.
- Spearheaded **real-time analysis** with React hooks and covered **85% of potential edge cases** to ensure the tool's reliability and deliver a seamless user experience.

WORK EXPERIENCE

Technical Intern | *Twwios Technologies Pvt. Ltd.*   *July 2025 - Present*
- Collaborated across cross-functional teams to streamline development of **10+** responsive UIs (**React.js, Tailwind CSS**), eliminating layout shifts by **80%** and resolving **15+** cross-browser compatibility issues.
- Integrated **5+ REST APIs** and debugged **12+ critical UI issues** in agile sprints, ensuring seamless data flow and on-time delivery of features.
- Standardized development workflow by creating reusable components, saving **30%** time while maintaining design consistency across platforms.

ACHIEVEMENTS

- Ranked **4386** (top 1.3%) in **TCS CodeVita season 12** (Round 2 qualifier) among **537000+** global participants.
- Achieved Contest Rating 1612 (level 3) on **GeeksforGeeks** using C++.

EXTRACURRICULAR

Model United Nations (Indian International Movement to United Nations IIMUN)   *Sept 2020*
- Negotiated passage of 2 resolutions and delivered 3 committee speeches at IIMUN Digital Conference (300+ global delegates), demonstrating expert-level diplomacy and public speaking in competitive simulations.

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript
Web Development: React.js, Node.js, Tailwind CSS, HTML, SQL, Firebase (basic)
Tools & Technologies: Git, Postman, Figma, AWS, Unity, Blender, Microsoft 365 (Word, Powerpoint, Excel).