Hansika Srivastava

Lucknow, Uttar Pradesh, India

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Education

VIT Bhopal University **Sept 2022 – Present**
B.Tech in Computer Science and Engineering - 8.40 CGPA *Bhopal, India*

City Montessori School **Jun 2021**
Class XII - CISCE Board - 93.5% *Lucknow, India*

Work Experience

Twwios Technologies Pvt. Ltd. **Jun 2024 – Present**
Technical Intern *Remote*

- Developed 10+ responsive UIs using Next.js, React.js, and Tailwind CSS, eliminating layout shifts by 80% and resolving 15+ cross-browser compatibility issues
- Integrated 5+ REST APIs using SWR for efficient caching within Next.js environment and debugged 12+ critical UI issues in agile sprints
- Standardized Next.js development workflow by creating reusable components, saving 30% development time while maintaining design consistency

Projects

Banking Data Analysis | *Python, Pandas, Power BI, Data Visualization* **2024**

- Conducted comprehensive EDA on banking dataset with 3000+ records and 25 features to identify customer segmentation patterns and financial behaviors
- Engineered income band categorization feature and performed univariate analysis on categorical variables including nationality, occupation, and loyalty classification
- Created interactive Power BI dashboards visualizing key metrics: income distribution, credit card usage patterns, risk weighting analysis, and customer loyalty segmentation

CodeWise - AI Powered Code Reviewer | *React.js, Node.js, Express.js, Gemini API* **2024**

- Engineered an AI-powered code review application that automates bug detection and optimizations, reducing manual review time by 35% in testing
- Developed a suite of 50+ custom prompts to power the application, achieving 99% accuracy in identifying code quality issues across a test batch of 100+ snippets
- Built a complete full-stack application that delivers specific, actionable feedback to developers, streamlining the code quality assurance process

TrackIt Expense Tracker | *React.js, Firebase, CSS* **2024**

- Architected a real-time full-stack expense tracker using Firestore database for live data synchronization and Firebase Authentication (Google Auth) to secure user accounts
- 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

Achievements

TCS CodeVita Season 12: Ranked 4386 (top 1.3%) among 537,000+ global participants (Round 2 qualifier)
GeeksforGeeks: Contest Rating 1612 (level 3) using C++
McKinsey Forward Program: Selected for 2025 Cohort from a global applicant pool

Technical Skills

Languages: C++, Python, JavaScript, SQL, HTML/CSS
Frameworks/Libraries: React.js, Tailwind CSS, Numpy, Pandas
Tools/Platforms: Git, Firebase, Power BI, AWS, REST APIs, Jupyter Notebook

Certifications

Oracle Certified AI Foundations Associate **Sept 2025**
Machine Learning with Python - Coursera **Aug 2025**