

HANSIKA SRIVASTAVA

Lucknow, Uttar Pradesh, India

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LinkedIn

GitHub

LeetCode

Education

VIT Bhopal University

B.Tech in Computer Science and Engineering - 8.40 CGPA

Sept 2022 – Present

Bhopal, India

City Montessori School

Class XII - CISCE Board - 93.5%

Jun 2021

Lucknow, India

Technical Skills

Languages: C++, Python, JavaScript, SQL, HTML/CSS.

Core CS: Data Structures & Algorithms, OOPS, Operating Systems, DBMS, Computer Networks.

Frameworks/Libraries: React.js, Node.js, Tailwind CSS.

Tools/Platforms: Git, Postman, Firebase, AWS, REST APIs, Jupyter Notebook.

Projects

CodeWise - AI Powered Code Reviewer [Link] | React.js, Node.js, Express.js, Gemini API

Feb 2025

- Developed an AI-powered code review application that automates bug detection and optimizations, reducing manual review time by 35% in testing
- Devised 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

End-to-End Customer Trends Analysis [Link] | SQL, Python, Power BI

Jan 2025

- Executed full data analytics workflow using Python for comprehensive data cleaning, transformation, and initial exploratory data analysis (EDA) on a large retail dataset
- Leveraged advanced SQL queries to analyze customer behavior, perform customer segmentation, and identify key drivers for purchasing decisions and brand loyalty
- Developed and presented a dynamic, interactive Power BI dashboard to visualize complex trends and translate key findings into actionable business recommendations

TrackIt Expense Tracker [Link] | React.js, Firebase, CSS

Dec 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

Work Experience

Twvios Technologies Pvt. Ltd.

Jul 2025 – Sep 2025

Technical Intern

Remote

- Engineered 10+ responsive UIs using Next.js and Tailwind CSS, resolving critical responsiveness issues to ensure seamless rendering across mobile and desktop devices
- Integrated 5+ REST APIs using SWR for efficient state management, reducing data fetching latency by 30% and eliminating layout shifts (CLS) by 80%
- Standardized frontend architecture by building a library of reusable functional components, reducing development time for future sprints by 30%

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

Certifications

Oracle Certified AI Foundations Associate

Sept 2025