KUSHAGRA CHAVEL

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Education

Indore Institute of Science and Technology, Indore   **2022 – 2026**
Bachelor of Engineering in Computer Science   *Indore, India*

Wisdom Academy, Rajgarh (Dhar)   **2022**
12th (PCM); Percentage: 90%   *Rajgarh (Dhar), India*

Experience

Google Developer Student Clubs   **2023 – 2024**
Competitive Programming and Algorithms Team   *Indore, India*
- Enhanced Programming Skills: Improved competitive programming and algorithm skills through hands-on practice and team collaboration.
- Improved Mentoring Skills: Guided junior team members, enhancing my ability to explain coding techniques and algorithm optimization effectively.
- Participated in Workshops: Attended online workshops, gaining advanced knowledge in algorithms and competitive programming strategies.

Technical Skills

Programming: Java, DSA, Java Collections Framework, HTML, CSS, OOPS, SQL, Python

Coding Platforms: Leetcode, CodingNinjas, GeeksForGeeks

Tools: Git, GitHub, VS-Code

Projects

InvestMate | *JavaScript, HTML, CSS, Finnhub API, CoinGecko API, Chrome Extensions*   **Github**
- Developed **InvestMate**, a Chrome extension tracking real-time stock and cryptocurrency prices, updating in under 2 seconds per click.
- Integrated Finnhub and CoinGecko APIs for accurate financial data.
- Improved user engagement by 30% with a responsive design for seamless market monitoring.
- Added a refresh button for manual updates, enabling users to instantly retrieve the latest financial data with a single click, enhancing usability and control.

CloudVault | *JavaScript, HTML, CSS, **Firebase:** Authentication, Storage, **Web Crypto API:** AES-GCM Encryption*   **Github**
- Built CloudVault, a secure web app with Firebase for authentication and storage.
- Utilized AES-GCM encryption for file security.
- Enabled seamless sign-up, login, and file management, handling up to 100 uploads daily with a user-friendly interface.

Position Of Responsibility

Smart India Hackathon   **Sep - Nov 2023**
Team Leader of 'JARVIS'   *Indore, India*
- **Ranked 8th out of 50 teams** in the internal hackathon, showcasing strong project potential and innovation.
- Presented an **AI-driven Machine learning** project idea for the railway department.
- Collaborated with a multidisciplinary team to design a comprehensive solution.

IIST Internal Hackathon 2024   **March 18 – 19, 2024**
Organizing Team Member   *Indore, India*
- Organized the IIST Internal Hackathon 2024, a 24-hour event focused on Smart Education, Rural Development, and Smart Automation, engaging students in innovative problem-solving at IIST Indore.