

Ishaan Verma

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ishaan-portfolio.vercel.app

Education

VIT Bhopal University <i>Bachelor of Science in Computer Science (CGPA: 7.81 / 10)</i>	May 2026 Bhopal, Madhya Pradesh
Indus Valley Public School <i>12th Standard, CBSE (Percentage: 71%)</i>	April 2022 Noida, Uttar Pradesh
Indus Valley Public School <i>10th Standard, CBSE (Percentage: 80%)</i>	April 2020 Noida, Uttar Pradesh

Experience

Arrise Solutions (India) Pvt. Ltd <i>Full Stack Software Intern</i>	Oct 2024 – Dec 2024 Noida, Uttar Pradesh
<ul style="list-style-type: none">Developed key backend features using Spring Boot and built dynamic, responsive frontend with React to create a seamless user experience.Engineered and deployed an AI-powered chatbot by integrating the Gemini API, successfully automating user interactions.Designed and implemented a secure login module, incorporating OTP authentication and AI-driven validation for enhanced user security and a streamlined onboarding process.Actively contributed to a global team by performing quality assurance and collaborative testing for the Romania-based PWF360 project, ensuring high-quality software delivery and performance.	

Projects

WFM - Work Force Management <i>React.js, Spring Boot, MongoDB</i> <ul style="list-style-type: none">Built a full-stack employee management system with role-based access (Employee, HR, Admin, Manager).Implemented attendance, leave, payroll, shift assignment, performance reviews, and task management.Integrated secure JWT authentication and real-time notifications for company-wide updates.
ArriBot <i>Spring Boot, Gemini API, React.js, MongoDB</i> <ul style="list-style-type: none">Build a full-stack AI educational assistant with chat, smart notes, task management, and quiz generation features.Developed secure user authentication with JWT, role-based access, and OTP verification using Spring Boot and MongoDB.Integrated Gemini API's for NLP tasks like summarization, translation, and sentiment analysis.Designed a responsive React frontend for smooth user experience and data handling.Implemented Google Calendar sync, AI-powered flashcards, and dynamic quiz generation with real-time scoring.
AI Dungeon Master – Procedural Storytelling Game <i>React.js, Flask, Gemini API, Python</i> <ul style="list-style-type: none">Developed AI Dungeon Master for dynamic, Gemini-driven storytelling based on user choices.Used text generation and NLP to create interactive and evolving narratives.Explored reinforcement learning to improve AI decision-making for personalized gameplay.

Activities

Health Hackathon, Johns Hopkins University, USA <ul style="list-style-type: none">Developed a web app for stress recovery and mental well-being during a Health Hackathon, focusing on emotional wellness.
Ramanujan Club – Annual Tech Fest 2025 <ul style="list-style-type: none">Won Gold Medal in an event organized by the Ramanujan Club during the Annual Tech Fest 2025.

Technical Skills

Languages: Java, C++, Python
Technologies: React.js, Flask, Flutter, Spring Boot, Express.js, TensorFlow, HTML, CSS, MySQL, Node.js, JavaScript.
Concepts: Operating Systems, Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Artificial Intelligence, Database Management Systems, API's, Software Development, Problem Solving, Cloud Computing.
Certifications: Cloud Computing – IIT Madras (NPTEL), Bits and Bytes of Computer Networking – Coursera .