

# Ishaan Verma

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ishaan-portfolio.vercel.app

## Education

<b>VIT Bhopal University</b> <i>Bachelor of Science in Computer Science (CGPA: 7.8 / 10)</i>	May 2026 Bhopal, Madhya Pradesh
<b>Indus Valley Public School</b> <i>12th Standard, CBSE (Percentage: 71%)</i>	April 2022 Noida, Uttar Pradesh
<b>Indus Valley Public School</b> <i>10th Standard, CBSE (Percentage: 80%)</i>	April 2020 Noida, Uttar Pradesh

## Experience

<b>Arrise Solutions (India) Pvt. Ltd</b> <i>Full Stack Software Intern</i>	Oct 2024 – Dec 2024 Noida, Uttar Pradesh
<ul style="list-style-type: none"><li>Developed backend features using Spring Boot; contributed to frontend with Flutter and React.</li><li>Built an AI-powered Chatbot using Hugging Face.</li><li>Implemented a login page with OTP authentication and AI integration.</li><li>Collaborated on testing for the Romania-based PWF360 (Pragmatic Workforce Management 360) project.</li></ul>	

## Projects

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

## Activities

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

## Technical Skills

<b>Languages:</b> Java, C++, Python
<b>Technologies:</b> React.js, Flask, Flutter, Spring Boot, Express.js, TensorFlow, HTML, CSS, MySQL, GitHub, Google Cloud Platform (GCP), Hugging Face, Node.js, JavaScript
<b>Concepts:</b> Operating Systems, Virtual Memory, Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Artificial Intelligence, Machine Learning, Generative AI, Database Management Systems, API's, Software Development, Problem Solving, Cloud Computing.
<b>Certifications:</b> Cloud Computing – IIT Madras (NPTEL), Bits and Bytes of Computer Networking – Coursera .