Ishika Barnwal

📞 +917897329745   📍 Varanasi, Uttar Pradesh, India
✉ ishikabarnwal2004@gmail.com   in LinkedIn   ⌗ GitHub

Education

Vellore Institute of Technology, AP   Expected May 2027
Bachelor of Technology in Computer Science (GPA: 8.14 / 10.00)   *Amaravati, Andhra Pradesh*
- **Relevant Coursework:** Data Structures and Algorithms (Java), Web Development, Discrete Mathematics, Intro to Programming(C), Entrepreneurship, Computer Organization & Architecture

Experience

Discount Fabrics Limited (UK)   Mar 2023 – Present
Web Developer   *(Remote − 2024)*
- Redesigned and maintained the frontend for the company website, ensuring faster load times and better user flow.

Projects

Prepverse.AI | *React, LlamaIndex, LangChain, Tailwind, Django, Firebase*   ⌗ Prepverse.AI
- Built interactive UI components and dashboards for a platform offering AI-driven mock interviews, quizzes, and resumes.
- Integrated LLM-based models for dynamic question generation and personalized feedback.

Artisan Academia | *WordPress (Elementor, Crocoblock)*   ⌗ Artisan Academia
- Developed an art & craft e-commerce site with advanced category filtering, seamless checkout flow, and backend inventory controls.

Personal Portfolio Platform | *ReactJS, Django*   ⌗ Personal Portfolio
- Designed and deployed a responsive personal portfolio showcasing projects, skills, GitHub activity, and resume.

Trovia – Rental Marketplace for College Students | *HTML, CSS, JS, Firebase*   ⌗ Trovia
- Created a rental platform with Firebase authentication and MySQL backend for college students.
- Executed focused marketing initiatives that boosted platform visibility and student adoption.

JavaShield – File Hiding & Encryption Tool | *Java, Maven, MySQL*   ⌗ JavaShield
- Engineered an OTP-based secure file encryption solution with real-time email verification.

Hotel Management System | *Python, MySQL*   ⌗ Hotel Management
- Built a hotel management application with efficient room and customer database handling.
- Implemented booking and record management workflows to streamline daily operations.

Technical Skills

Languages: Java, C, HTML 5, CSS, JavaScript, Bootstrap, Python
Technologies: ReactJS, Node.js, Django, WordPress (Elementor, Crocoblock), Firebase, MySQL
Concepts: Operating System, Computer Networks, Database Management System

Achievements and Social Engagement

- Runner-Up at Geek-a-Thon (24-hour Hackathon) by developing and presenting an innovative tech solution under strict deadlines.

- Increased event participation to 1,000+ within 4 days through targeted digital marketing strategies and data-driven outreach.

- Certified by ISRO for successful completion of a program on Space Science and Technology.

- Led marketing and promotions for Microsoft Student Chapter, Entrepreneurship Club, and VITaura Fest at VIT-AP, driving engagement and participation across multiple major events.