

Ishika Barnwal

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Technical Skills

Programming Languages: Java, C, Python, HTML5, CSS, JavaScript

Frameworks/Libraries: React.js, Django, Bootstrap, WordPress

Databases: MySQL, MongoDB, Firebase

Others: Git, GitHub, VS Code, Figma, DSA

Experience

Discount Fabrics Limited (UK)

Mar 2025 – Present

Web Developer

(Remote | 2025)

- Developed and maintained end-to-end web solutions, optimizing frontend performance for faster load times and enhancing backend workflows for reliability.

Projects

Prepverse.AI | React.js, MongoDB, Gemini API, Mediapipe, Flask, Tailwind CSS, Express.js

[Prepverse.AI](#)

- Built an AI-powered interview simulator with voice interaction, face detection, and resume-based dynamic question generation.
- Implemented ATS-style resume parsing, AI-assisted resume builder, and recruiter portal for secure candidate evaluation.

Trovia – Rental Marketplace for College Students | HTML, CSS, JS, Firebase

[Trovia](#)

- Developed a rental platform with Firebase authentication and database integration for seamless student transactions.
- Executed campus marketing initiatives that increased adoption and delivered a functional peer-to-peer lending MVP.

JavaShield – File Hiding & Encryption Tool | Java, Maven, MySQL

[JavaShield](#)

- Created a secure file encryption solution with OTP verification and email-based authentication.
- Integrated MySQL for encryption key management and optimized workflows for reliable data protection.

Achievements and Social Engagement

- Achieved Top 15/200+ at HackVerse (VIT-AP) and Top 5/100+ at Hack4SDG (SRM University, AP) with DUCKBUCK, an open-source walkie-talkie app.
- Secured Runner-Up at Geek-a-Thon (24h Hackathon) by delivering an innovative tech solution under strict deadlines.
- Recognized as Top 10 Finalist at National Entrepreneurship Challenge 2024 (IIT Bombay) among nationwide college teams.

Education

Vellore Institute of Technology, AP

Bachelor of Technology in Computer Science (GPA: 8.14 / 10.00)

Expected May 2027

Amaravati, Andhra Pradesh