Ashish Rawat

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EDUCATION

VIT Bhopal University — Expected Graduation – 2026

B.Tech in Computer Science and Engineering — *Bhopal, India*

- CGPA: **8.55 / 10**

EXPERIENCE

Backend Developer Intern — Dec 2024 – Feb 2025

B-IOT Solutions Pvt Ltd — *Remote / India*

- Built and deployed scalable **RESTful APIs** using **Swagger** with **MySQL Server 2022** backend.
- Integrated **MudBlazor** for rich frontend experience; improved UI responsiveness and data flow.
- Reduced debugging time by automating API tests in **Postman**.
- Redesigned key UI panels using **HTML/CSS**, earning **500+ positive responses** post-launch.
- Contributed to building a **microservices-based architecture** with advanced **caching** for smoother requests.
- Collaborated with cross-functional teams to optimize system flow and deliver seamless backend integration.
- **Certificate:** [Link]

PROJECTS

Advanced Face Detection System ⌂ [GitHub] — Apr 2024 – May 2024

University Project — VIT Bhopal — *Bhopal, India*

- Developed a real-time facial recognition app using **OpenCV** and **CNNs**; achieved **92% accuracy**.
- Reduced false positives by 15% and improved cross-device compatibility.
- Refined pipeline for faster training on larger datasets.
- Simulated multiple lighting and angle conditions to boost model robustness under varied environments.
- Integrated face region cropping and grayscale conversion for improved feature extraction and model focus.

Admin Portal Suite: Student & Employee — Jan 2024 – Apr 2024

Independent Project — *Remote*

- Built full-stack admin portals with **C#**, **MudBlazor**, and **MS SQL** for academic and HR ops.
- Implemented **role-based access**, authentication, and reusable form modules.
- Optimized multi-user performance with normalized schemas and responsive layouts.
- Designed dashboard layouts for real-time record summaries, enhancing data visibility for admins.
- Incorporated modular form validation and CRUD logic, allowing dynamic expansion to new entity types.

TECHNICAL SKILLS

- **Languages:** Java, C#, Python, JavaScript
- **Frameworks:** .NET Core, Flask, OpenCV, Entity Framework, Blazor
- **Tools:** Swagger, Postman, Visual Studio Code, Git
- **Databases:** MySQL, MS SQL Server, MongoDB, SQLite
- **Concepts:** REST APIs, Data Structures, Algorithms, Microservices, Authentication

CERTIFICATIONS

- **Blockchain Developer** — IBM Career Education Program (2025) [Link]
- **Java Foundations Associate** — Oracle University Training (2025) [Link]
- **Generative AI and ChatGPT** — GeeksforGeeks (2025) [Link]

ACHIEVEMENTS

- **Captain of Green House** — led house events and maintained disciplinary standards.
- **School Representative** in inter-house basketball and the UP Genius Exam.
- **Silver Medalist** in MEC Academic Excellence Examination.