Ashish Rawat

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EDUCATION

VIT Bhopal University   Expected Graduation – 2026

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

EXPERIENCE

Backend Developer   Dec 2024 – Feb 2025

B-IOT Solutions Pvt Ltd   *Remote / India*

* Designed and deployed **RESTful APIs** using **Swagger**, ensuring seamless integration with **MySQL Server 2022**.
* Built and tested APIs; integrated **MudBlazor** to enhance **frontend responsiveness** and interactivity.
* Optimized **SQL queries** and gained hands-on experience in performance-tuned **relational databases**.
* Automated **API testing** using **Postman**, improving reliability and debugging efficiency.
* Architected **UI components** using **HTML and CSS**, contributing to a successful website revamp — received **positive feedback from 500+ users** in the first month.
* Developed a **scalable microservices architecture**, boosting system performance and enabling increased traffic handling.
* Integrated advanced **caching strategies** to reduce latency and server load, ensuring smoother data flow and improved user experience.

UNIVERSITY PROJECTS

Advanced Face Detection System ↗   Apr 2024 – May 2024

VIT Bhopal   *Bhopal, India*

* Engineered an advanced **face detection system** using **OpenCV** and **Convolutional Neural Networks (CNN)**, achieving **92% accuracy** in real-time face identification and localization.
* Integrated **real-time detection capabilities** to ensure quick response and efficient processing for live applications.
* Optimized model to reduce **false positives by 15%**, increasing reliability and performance.
* Fine-tuned architecture and hyperparameters to improve **precision, robustness**, and user experience.
* Refined the **data processing pipeline**, reducing training time and improving scalability for larger datasets.
* Implemented **cross-platform compatibility**, enabling deployment across multiple devices and operating systems.

TECHNICAL SKILLS

* **Languages:** Java, C++, Python, JavaScript
* **Frameworks / Libraries:** .NET Core, Entity Framework, Flask, OpenCV, Tailwind CSS, Blazor
* **Tools:** Postman, Swagger, MySQL Server 2022, Visual Studio Code
* **Databases:** MySQL, MongoDB, Microsoft SQL Server, SQLite
* **Concepts:** Data Structures, Algorithms, REST APIs, Microservices

CERTIFICATIONS

* **Blockchain Developer** — IBM Career Education Program (2025) [View Certificate]
* **Java Foundations Associate** — Oracle University Training (2025) [View Certificate]
* **Data Analytics Virtual Experience Program** — Deloitte Australia on Forage (2025) [View Certificate]
* **Generative AI and ChatGPT** — Geeks for Geeks (2025) [View Certificate]