**Aditya Dev Dwivedi**

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# EDUCATION

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| --- | --- | --- |
| **B. Tech (Bachelor of Technology)**  **Computer Science**  *VIT-Bhopal University*    **CORE TECHNICAL SKILLS** |  | Aug 2023 - Aug 2027 C*GPA: 8.26/10* |
| ● MongoDB ● | MYSQL ● | Data Structure & Algorithms |
| ● API ● | Java ● | Debugging & Troubleshooting |
| ● HTML ● | JavaScript |  |
| ● CSS ●  **PROJECTS** | Git |  |

**Medicare -**

* Designed and developed a web-based platform that predicts diseases, based symptoms of user and provides nearby doctor appointments.
* Implemented secure authentication with separate logins for admin, doctor, and users.
* Designed smart slot booking system, allowing users to book slots with the available doctor to their preferred timings.
* Enabled doctors to confirm appointments, prescribe medicines, and manage patient interactions through the platform also.
* Utilized MongoDB for efficient data storage and retrieval, ensuring smooth user experience.

**Deep-Fake Video Detection -**

* Developed an AI-powered system to detect face-swap deepfakes in videos using Deep Learning and Computer Vision.
* Implemented CNNs, RNNs, LSTMs, and frequency analysis for detecting visual and audio inconsistencies.
* Utilized FaceForensics++ dataset for training and optimized performance using adversarial training.
* Designed a React-based frontend for user interaction and integrated MongoDB for data storage.
* Designed for social media platforms, cybersecurity experts, and digital forensics to detect deepfakes and ensure content authenticity.

# EXTRA-CURRICULAR AND ACHIEVEMENTS

**Hackathon and Coding -**

● University-Level Hackathons.

# CERTIFICATIONS

* **Introduction To Machine Learning-** NPTEL
* **Ubuntu-** Coursa
* **The Bits and Bytes of Computer Networking-** Google