

Ayush Pandey

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SUMMARY

As a sophomore pursuing a BTech in Computer Science at VIT Bhopal University, I'm skilled in web development and committed to advancing in AI/ML. I excel in creating intuitive designs, solving real-world challenges, and thrive on organized multitasking with a passion for coding and graphic design.

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, C

Frontend Tools: Frontend Tools: HTML, CSS, Javascript, React.js, Three.js

Backend Tools: Node.js, Express.js, API Integration, MongoDB,SQL

PROJECTS

Bone Fracture Detection Project

May 2024 – June 2024

Deep Learning Project

Python, PyTorch, NumPy, OpenCV

- Developed and implemented a bone fracture detection system utilizing deep learning techniques.
- Trained a convolutional neural network (CNN) model on medical images attaining a high accuracy of 94% on the COCO dataset.

IoT-based Hand Gesture Controller for AR/VR

February 2024 – May 2024

IoT Project

Arduino Mini, Flex Sensor, Integrated C Language

- Developed an IoT-based hand gesture controller using Arduino Mini and flex sensors.
- Improved user interaction in AR/VR environments by enabling intuitive gesture-based control.

Link Management System

October 2023 – December 2023

Web Development Project

React.js, Node.js, Express.js, MongoDB

- Created a web application for storing and categorizing links based on user-defined tags.
- Implemented features for easy searching and management of bookmarks, enhancing user productivity and organization.

EXPERIENCE

Executive Assistant, Design Team Lead

September 2023 – Present

Linpack Club VIT Bhopal

Madhya Pradesh, India

- Led the design team at Linpack Club, overseeing creative projects and ensuring the timely delivery of high-quality designs.
- Collaborated with club members to conceptualize and execute visual solutions for various events and initiatives, enhancing the club's brand identity and engagement.

EDUCATION

VIT Bhopal University

B.Tech. in Computer Science – CGPA: 8.58/10

Bhopal, Madhya Pradesh

October 2022 – Present

Guru Tegh Bahadur Public School

12th Standard – Percentage: 89.2

Durgapur, West Bengal

June 2019 – July 2021

Guru Tegh Bahadur Public School

10th Standard – Percentage: 86.4

Durgapur, West Bengal

April 2017 – May 2019

CERTIFICATIONS

- NPTEL - Cloud Computing Silver Badge
- Coursera - The Bits and Bytes of Computer Networking