

Bhartendu Raj Akrash

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology, Computer Science(Education Technology)

Bhopal

Sep. 2023 – May 2027

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, PL/SQL, R

Web Technology: HTML, Express, CSS, Node.js, JavaScript, PHP, React, MongoDB

Tools: Git, PyCharm, IntelliJ, AWS, Kaggle, Jupyter, Apache, Hadoop, Tableau, Power BI, Wireshark, Metasploit

Libraries: pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, PyTorch, NLTK

Design Tools: Unity, Blender, Unreal Engine

RELEVANT COURSEWORK

Data Structures

Database Management Systems

Generative AI

Operating System

Ethical Hacking

3D Modelling

Computer Networks

Data Analytics

Machine Learning

PROJECTS

HealthBridge | *Python, HTML, React, SQL, CSS, JavaScript, Node.js*

Feb 2025 – April 2025

- Developed a responsive web application featuring dual login interfaces for doctors and patients.
- Patients can book appointments, view doctor profiles, and receive basic health info, while doctors can manage appointment slots, patient.
- Focused on user-friendly UI/UX, ensuring smooth navigation and interaction for both types of users.

CodeTrack | *ML, Java, Python, LLM, Git, MongoDB*

Oct 2024 – Nov 2024

- Created a structured personal study system for learning C, C++, Java, and Python, using online platforms for practice.
- Focused on improving problem-solving, code readability, and debugging skills through consistent daily practice.
- Designed a feedback system to analyze performance and adapt practice sessions for better outcomes

EXTRACURRICULAR AND ACHIEVEMENTS

Hackathon and Coding -

- GRABHACK, Pre-Finalist: Placed in the **Top 98 out of 4500 teams**, demonstrating exceptional problem-solving and collaboration skills under pressure.
- Competitive Programming: Solved **over 100 problems** on LeetCode and **over 200 questions** on GeeksforGeeks, showcasing a strong foundation in data structures and algorithms.

Content Creation -

- Content Writer, EV Club: Wrote articles for the Electric Vehicle (EV) Club, showcasing my communication skills and passion for new technologies.
- Graphic Designer, ED4U Club: Designed posters and visual content to explain complex topics, such as how cybersecurity works, demonstrating my ability to visualize and simplify complex information.

CERTIFICATES

Applied Machine Learning in Python | Coursera

Cloud Automation | NPTEL

Hadoop | IBM

Machine Learning with Apache | IBM