

KUMAR VAIBHAV UGRATARA

Bokaro Thermal, Jharkhand | kumarvaibhavugratar@gmail.com | +91-7645074905 | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

MCA student with hands-on full-stack development experience across Python, JavaScript, Django, Flask, and Node.js/Express. Skilled in building web applications, backend services, and interactive games, with a strong foundation in Object-Oriented Programming and Data Structures & Algorithms. Proven problem-solver and collaborative team player with hackathon experience, seeking a Full Stack Developer Internship to contribute to scalable, enterprise-grade web applications.

EDUCATION

Master of Computer Applications (MCA)

2025 – 2027

Babasaheb Bhimrao Ambedkar University, Lucknow | CGPA: 8.27/10

Bachelor of Computer Applications (BCA)

2022 – 2025

Babasaheb Bhimrao Ambedkar University, Amethi | CGPA: 8.20/10

TECHNICAL SKILLS

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

Web Frameworks & Technologies: Django, MERN, TypeScript

Databases: MySQL, MongoDB

Tools & Version Control: Git, GitHub, Linux, Bash, PowerShell

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA)

PROJECTS

Multiple Disease Prediction System

Python, Streamlit, Scikit-learn

- Developed a Streamlit-based multi-disease prediction system using machine learning models for Diabetes, Heart Disease, Parkinson's, Breast Cancer, Anemia, and Kidney Disease detection. Applied object-oriented design principles to structure game entities and manage game state efficiently.
- Integrated pre-trained ML models with interactive input forms, performing real-time predictions and input validation through a user-friendly web interface.
- Link – [Click Here](#)

Multiplayer Rock Paper Scissors

Django, WebSockets, Bootstrap

- Developed a real-time multiplayer web game using Django and WebSockets for bidirectional client-server communication.
- Designed a responsive Bootstrap-based user interface to enable seamless gameplay across devices.
- Implemented server-side game logic to manage and synchronize multiple concurrent player sessions.
- Link – [Click Here](#)

MediConnect – Doctor Appointment Web Application

MERN Stack, REST APIs, Razorpay

- Built a full-stack doctor appointment platform using React.js, Node.js, Express.js, and MongoDB.
- Developed REST APIs for authentication, doctor management, appointments, user profiles, and administrative operations.
- Link – [Click Here](#)

CERTIFICATIONS

- Cybersecurity Essentials – Cisco
- Introduction to Cybersecurity – Cisco
- Career Edge – Young Professional (TCS iON)

ACHIEVEMENTS & LEADERSHIP

- Secured 2nd Rank in Code@BBAU 2.0 Hackathon, solving 8 of 9 problems and demonstrating strong problem-solving and algorithmic skills.
- Led team to 1st Rank in Battle Arena competition, demonstrating leadership and strategic thinking.
- Served as Student Volunteer at the 5th Doctoral Symposium on Computational Intelligence, supporting event coordination.