

# Harshit Kumar

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📍 Noida , Uttar Pradesh

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## PROFESSIONAL SUMMARY

A motivated Software Developer with strong proficiency in Data Structures and Algorithms, and Full-Stack Web Development. Experienced in building real-time web applications and machine learning-powered solutions from concept to deployment. Passionate about solving complex problems, delivering impactful solutions, and continuously learning and applying new technologies.

## EDUCATION

**B.Tech in Computer Science (Data Science)** - G.L. Bajaj Institute of Technology and Management , Greater Noida **2022 - Present**

- Relevant subjects: Data Structures and Algorithms, Operating System, Database Management System, Computer Network

**Class 12<sup>th</sup> (PCM)** - R.S.S. International School , Noida **2021**

- Percentage : 92%

## SKILLS SUMMARY

- **Languages:** C, C++, Java, JavaScript, HTML, CSS, Python
- **Frameworks & Libraries:** ReactJS, FastAPI , MongoDB
- **Databases & Tools:** Firebase, MySQL, Git, GitHub, VS Code , Postman
- **Core Competencies:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks
- **Soft Skills:** Problem-Solving, Communication, Collaboration & Teamwork, Adaptability, Critical Thinking

## PROJECTS

### Diet Recommendation System

- Developed a full-stack web application as part of a group project to generate personalized diet plans based on user-defined calorie goals, macronutrient preferences, and optional ingredients. Implemented advanced data preprocessing and model optimization techniques, resulting in a 20% improvement in prediction accuracy. Delivered detailed nutritional information and step-by-step recipes through an intuitive interface using FastAPI and Streamlit.
- **Technologies Used:** Python, scikit-learn, pandas, NumPy, Streamlit, FastAPI

### Sports Pulse

- Built a real-time, multi-sport score-tracking web application supporting cricket, football, basketball, and more. Integrated Firebase Realtime Database to enable instant updates with minimal latency and seamless cross-device synchronization. Designed a responsive user interface using React for an engaging and consistent user experience.
- **Technologies Used:** React, Firebase (Realtime Database and Hosting), JavaScript

## CERTIFICATIONS

- Data Science Master - Virtual Internship ([Link](#)) **Sept - Nov 2023**
- **Coding World Cup** - Achieved AIR 519 ([Link](#)) **Nov 2023**
- Data Analytics Process Automation - Virtual Internship ([Link](#)) **April - June 2024**

## ACHIEVEMENTS

- Delivered a production-ready website for a tuition institute, actively used by students and faculty.
- Secured an All India Rank of 519 in the Coding World Cup.
- Improved machine learning diet plan accuracy by 20% through optimized data preprocessing and model training.