Raj Kumar Singh

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EDUCATION

Chandigarh University　　　　　　　　　　　　　　　　　　　**2023 – 2027**
*B.E. - Computer Science and Engineering - **CGPA – 8.3***　　　　　　*Mohali, Punjab*

Rani Laxmi Bai Memorial　　　　　　　　　　　　　　　　　　**2021– 2022**
*Intermediate (CBSE) - **Percentage - 83.4%***　　　　　　　*Lucknow, Uttar Pradesh*

Don Bosco High School　　　　　　　　　　　　　　　　　　　**2019 – 2020**
*High school (ICSE) - **Percentage - 81.5%***　　　　　　　*Lucknow, Uttar Pradesh*

Summary

Motivated and detail-oriented second-year Computer Science student with a strong foundation in programming languages including C, C++, and Python. Passionate about web development, with a keen interest in creating dynamic and user-friendly web applications. Possesses excellent problem-solving skills, a solid grasp of data structures and algorithms, and a proactive attitude toward learning and innovation. Seeking opportunities to contribute technical expertise and creativity to real-world projects while expanding knowledge in full-stack web development.

PROJECTS

Movie recommendation ⧉ | Frontend　　　　　　　　　　　　　　**June 2024**

- Developed a responsive web application using HTML, CSS, and JavaScript to display personalized movie recommendations with features like search, category filters, and detailed movie information.

Portfolio Website ⧉ | Web Development　　　　　　　　　　　**December 2024**

- A portfolio website belongs to the **Web Development** domain, which involves designing, building, and maintaining websites. It incorporates both **frontend development** (user interface and experience) and **basic backend integration** (optional, for advanced features). .
- Ensures the website looks great on all devices, including desktops, tablets, and smartphones. .

RESEARCH & PUBLICATIONS

US inflation Using ARIMA model.　　　　　　　　　　　　　　　**2023-24**
Research Paper — IJRASET Journal

- **AutoRegressive Integrated Moving Average**, is a popular statistical technique for analyzing and forecasting time series data, such as US inflation rates. Inflation is a key economic indicator, representing the rate at which prices for goods and services rise over time.
  https://www.ijraset.com/best-journal/forecasting-us-inflationtrends-an-insight-from-time-series-analysis

SKILLS & INTEREST

Languages & Frameworks: C, C++, Python, HTML, CSS, Java script.
Developer Tools: Visual Studio Code, GitHub, MS Word, MS Excel
Cloud/Databases: Google Firebase,Oracle.
Coursework: Advanced Data Structures, Computer Architecture.
Interpersonal: Communication, Teamwork, Adaptability, Problem-Solving, Time Management, Empathy.
Areas of Interest: Data Analysis, Web Development, Machine Learning, Cloud computing.

ACHIEVEMENTS & CERTIFICATIONS

- **Team Skills**- Coursera
- **Introduction to the Internet of Things and Embedded Systems**- Coursera
- **Interfacing with the Arduino** - Coursera
- **Microcontroller and Industrial Applications**- Coursera