![A person in a suit and tie

Description automatically generated]()

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RAGHAV KHANNA

coder2200

Amritsar, Punjab



Software Engineer



SUMMARY

Software engineering student and passionate learner, constantly expanding technical, analytical knowledge and skills. Hands-on experience in coding, debugging, troubleshooting and testing software applications, developing a strong foundation in programming principles and best practices. Focused on collaboration and continuous learning, delivering high-quality solutions to complex problems.

TECHNICAL SKILLS

Programming languages: C++, Python

Data Management:

MySQL

Business Analytics Tools:

Excel

Microsoft Power BI

Development tools:

Git, GitHub

CERTIFICATES

Databases and SQL for Data Science with Python | Coursera, Instructor: IBM May ’23

Process Data from Dirty to Clean | Coursera, Instructor: Google Career Certificates Mar ’23

Data Structures and Algorithms | GeeksForGeeks Jul '22

* Team Player
* Problem Solving
* Time Management
* Adaptability

POWER SKILLS

EXTRA CURRICULAR ACTIVITIES

Tech-A-Thon – Hackathon iNeuron Sep '22

TRAINING PROGRAMMES

DevOps Training Course - CipherSchools Jan '23 - Feb '23

* Completed an intensive training course in DevOps from CipherSchools
* Gained hands-on experience in tools and technologies like Docker, Git
* Learned best practices for continuous integration and delivery (CI/CD), infrastructure as code (IaC), and automated testing.
* Developed skills in collaborating with cross-functional teams to streamline software development processes and reduce time-to-market."

Data Structures and Algorithms Training Course - GeeksforGeeks Jun '22 - Jul '22

* Completed a comprehensive training course in Data Structures and Algorithms from GeeksforGeeks
* Gained in-depth knowledge of fundamental data structures and algorithms, such as arrays, linked lists, stacks, queues, sorting, searching, and graph algorithms.
* Developed problem-solving skills and learned how to optimize algorithms for better performance.

PROJECTS

**Developed a machine learning model using Perceptron algorithm to classify Parkinson's disease |**

Dec ’23

* Domain: Machine Learning
* Preprocessed and cleaned dataset to improve model accuracy.
* Achieved an accuracy of 89% on test data using cross-validation techniques.
* Utilized Python libraries like NumPy, Pandas, and Scikit-learn for data preprocessing, feature selection, and model training.
* Demonstrated strong problem-solving and analytical skills in identifying appropriate features and tuning hyperparameters for the model.

**Railway Reservation System** Aug ’21

* Domain: Web Application | Programming Languages: HTML, CSS, and JavaScript
* Developed a responsive web application for railway reservation using HTML, CSS, and JavaScript
* Implemented features like ticket booking, seat selection, and payment processing.
* Demonstrated proficiency in front-end web development and strong knowledge of HTML, CSS, and JavaScript
* Collaborated with team members to ensure timely delivery and effective communication.

ACHIEVEMENTS

Participated and won 3rd prize in public speaking event - Lovely Professional University Nov '22

5 Star in Python in HackerRank

EDUCATION

B.Tech. in Computer Science Aug '20-Present Lovely Professional University | Phagwara, IN

CGPA 7.71