

**PERSONAL INFO**

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 [(2) Anuj Kumar Dixit | LinkedIn](https://www.linkedin.com/in/anuj-kumar-dixit-05992a231/)

 Bangalore, Karnataka, India

 Chhattisgarh, Raipur, India

 Male, Single

 Indian

**ACADEMICS**

Bachelor of Computer Applications (BCA) - Data Science

**Dayananda Sagar University, Bengaluru**

September 2021 – May 2024

**CORE COMPETENCIES**

* Python Programming
* Machine Learning
* Data Analysis
* Predictive Modeling
* Data Visualization
* Software Development
* Database Management
* Problem Solving

**MANAGERIAL SKILLS**

* Team Leadership
* Project Management
* Strategic Planning
* Performance Optimization
* Stakeholder Communication
* Resource Allocation
* Deadline Management

**TECHNICAL SKILLS**

* Programming Languages: Python, C++
* Frameworks: Flask, TensorFlow
* Libraries: NumPy, Pandas, Matplotlib
* Databases: MySQL, MongoDB
* Tools: Jupyter Notebook, Git

**PERSONAL TRAIT**

* Strong communication skills
* Analytical thinking
* Problem-solving abilities

***ANUJ KUMAR DIXIT***

**Passionate Python Developer with Proficiency in Data Science and Machine Learning**

**Python Development | Machine Learning | Software Testing | Data Visualization| Database Management**

**CAREER SUMMARY**

Detail-oriented Python Developer with a strong background in data science and machine learning. Proficient in building and optimizing predictive models, developing complex software applications, and automating data processes. Demonstrated ability to solve technical challenges, collaborate effectively with cross-functional teams, and deliver data-driven insights for business improvement.

**CAREER HIGHLIGHTS**

* Improved system performance by 30% through optimized C++ code.
* Developed predictive models that increased forecast accuracy by 20%.
* Led a team to design a large-scale distributed system, increasing transaction processing by 50%.

**CAREER GOAL**

To leverage my Python development skills and data science expertise to drive innovation and efficiency in a forward-thinking organization, contributing to impactful projects and business growth.

**PROFESSIONAL EXPERIENCE**

**Python Developer Intern
NovaNectar Services Pvt. Ltd.
Dehradun, India (2024/05 – 2024/06)**

* Developed innovative solutions to complex technical challenges, enhancing project outcomes and efficiency.
* Collaborated with cross-functional teams to deliver high-quality software within project timelines.
* Implemented and optimized Python scripts to automate repetitive tasks, reducing manual efforts by 30%.
* Conducted thorough testing and debugging to ensure robust and error-free code.
* Communicated technical concepts effectively to both technical and non-technical stakeholders.
* Assisted in the design and development of web applications using Flask framework.
* Utilized version control systems (Git) for code management and collaboration.
* Developed and maintained technical documentation for software projects.
* Participated in code reviews to ensure adherence to best practices and coding standards.
* Engaged in continuous learning to stay updated with the latest industry trends and technologies.

**C++ Developer Intern
System Tron Interpe
Remote, Karnataka, India (2024/04 – 2024/05)**

* Improved system performance by 30% through code optimization and algorithm enhancements.
* Led a team to design and implement a large-scale distributed system, increasing transaction processing capacity by 50%.



* Collaborated with software engineers, QA testers, and project managers to deliver robust solutions within strict deadlines.
* Conducted performance testing and profiling to identify and resolve bottlenecks.
* Developed and maintained complex software applications using C++.
* Implemented multithreading and parallel processing techniques to enhance application performance.
* Wrote and executed unit tests to ensure code reliability and functionality.
* Participated in daily stand-up meetings and provided progress updates to the project team.
* Assisted in the integration of third-party libraries and APIs to extend application capabilities.
* Created comprehensive technical documentation for system architecture and design.

**PROJECTS**

* **Guess A Number Game (2024):** Constructed an appealing "Guess a Number" game in C++ as part of a programming challenge at System Tron utilized essential programming concepts including conditionals, loops, and user input handling created multiple difficulty levels to accommodate varying player abilities enhanced analytical thinking and problem-solving intuition through this project.
* **House Price Prediction (2024):** Built a house price prediction model during an internship at TechnoHacks EduTech. conducted in depth data analysis on variables such as size, number of rooms, and locations applied machine learning techniques including Linear Regression, Decision Trees, and Random Forest achieved precise price predictions, aiding stakeholder in making informed decisions partnered with mentor Sandip Gavit to innovate in real estate valuation.
* **Billing System Software (2024):** Engineered a billing system using Python, integrating MongoDB, Flask, and MYSQL for data management automated invoicing to minimize manual errors streamline billing processes implemented user authentication and data protection mechanism designed an user friendly interface with HTML, CSS, and JavaScript, improving accessibility conducted through testing and debugging to ensure high performance and reliability.

**DECLARATION**

I hereby declare that the information provided is true to the best of my knowledge.

Anuj Kumar Dixit

**CERTIFICATIONS**

* ST Francis De Sales College - Best Paper Award
* RV Institute Technology and Management - EASCT Conference 2024
* Tareeqa Global Solution Pvt. Ltd - Free Human Resource Workshop
* Altair Rapid Miner Certified - Data Engineer and Machine Learning
* Tata Consultancy Services - Free Online Certifications Courses
* Great Learning Course - Python For Machine Learning

**LANGUAGES KNOWN**

* English
* Hindi

Date:

Place: Bangalore, India