

Tanu Sharma

Software Developer

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Dynamic Software Developer with 2 years of experience in Java, SQL, OOPs, and Multithreading.

- Proficient in Java and knowledgeable in Multithreading.
- Demonstrated ability to design, code, debug, and enhance software solutions.
- Adept at providing architectural guidance and driving process improvements.
- Strong problem-solving skills and a proven track record of creating strategic technical designs.
- An effective communicator and mentor, committed to sharing knowledge within the team.

WORK EXPERIENCE

MicroGenesis

(February 01, 2023 - February 23, 2023)

Software Developer

Improved collaboration and data-driven decision-making within defense operations by seamlessly integrating GIS with existing systems, leading to enhanced situational awareness and optimized resource allocation.

- Collaborated with cross-functional teams, stakeholders, and external agencies to ensure seamless integration of GIS with existing systems, fostering data sharing and interoperability.
- Managed data collection, integration, and visualization processes, resulting in enhanced situational awareness and optimized resource allocation within defense operations.

Tata Consultancy Services

(May 06, 2021 - January 27, 2023)

Software Developer

- Collaborated with cross-functional teams to analyze, design, and implement a real-time inventory management system, aligning with the primary skills of C++, SQL, COM, OOPs, and MFC. This system significantly enhanced the accuracy of inventory tracking, reducing errors by 15%. The project also improved operational efficiency across the organization.
- Implemented a highly efficient, multithreaded data processing module using C++ and Multithreading, aligning with the preferred skills mentioned in the job description. This module not only enhanced application responsiveness but also achieved a remarkable 20% reduction in processing time, ensuring real-time data updates and smoother user experiences.
- Led code reviews, providing constructive feedback to the development team, and actively engaged in knowledge sharing sessions. This approach fostered collaboration, promoted best practices, and accelerated the learning curve for team members.
- Successfully diagnosed and resolved complex software issues, leveraging expertise in C++, SQL, COM, OOPs, and MFC, which resulted in improved application stability and an enhanced user experience.

EDUCATION

Greater Noida Institute Of Technology

(August 17, 2016 - October 06, 2020)

Bachelor's of Technology, Computer Science & Engineering

- Engaged in hands-on projects, collaborating effectively in a team and developing expertise in object-oriented programming, web development, and database management.
- Acquired a deep understanding of operating systems, networking, and computer architecture while actively participating in workshops and seminars to stay updated with the latest advancements.
- Graduated with distinction, demonstrating exceptional academic performance and a strong commitment to excellence in the field of computer science.

CERTIFICATIONS

Microsoft Technology Associate

(March 19, 2019)

Microsoft

The Microsoft Technology Associate (MTA) for Web Development certificate demonstrates proficiency in web development technologies and concepts. This certification validates the skills required to design, develop, and maintain web applications using Microsoft technologies.

SKILLS

C++



SQL



OOPS



Data Structures



Algorithms



COM



MFC



Git

