

# Rajan Kumar Mishra

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📍 Delhi, India

in linkedin.com/in/rajankm991

## EDUCATION

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### B. Tech in Electronics and Communication Engineering

Aug 2017 - Jul 2021

MIT School of Engineering, Pune, Maharashtra, India.

7.73/10 CGPA

**Coursework:** Fundamentals of Computer Programming, OOPs in C/C++, Data Structures and Algorithm, Machine Learning with Python, Data Science and Applications, Internet of Things, Engineering Mathematics.

## PROFESSIONAL SUMMARY

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### Associate Software Engineer

Nov 2021 - Till Date

Cognizant Technology Solution

NEW DELHI NCR, INDIA

- Responsible for maintaining, enhancing, and developing applications and infrastructure that provide a trading framework.
- Analysed server-side infrastructure including function calls for memory management, kernel bypass messaging (point-to-point and multicast), trading and market data protocol design/implementation, implementation of search/sorting algorithms, system redundancy design.
- Preparing technical design documents and unit test case documents for new enhancements and providing immediate technical solutions on Adhoc issues.
- Developed automated test harnesses for volume and latency stress testing.
- Provided coding, data propagation and validation procedures for technology platforms.
- Developed highly efficient algorithms in C++ through both pair-programming and independent work. The algorithms improved inventory management benchmarks 18 percent.
- Assisted in teaching C/C++, Computer Architecture and Linux kernel to undergraduate students.
- Delivered many Knowledge Transfer (KT) sessions to the new joiners as well as colleague to understand the development flow or code changes in existing one.
- Received many awards in this journey till yet like Amber Award For Associate of the Month and recognition for positive approach towards problem solving and customer satisfaction.

### Data Science Intern

Mar 2023 - Sept 2023

Access Million

Online

I have gained valuable insights into the impact of an analyst in the different departments. It is evident that a company strives to ensure maximum customer satisfaction through effective customer-handling strategies.

- Additionally, I have developed behavioural analytics, which helps me to identify trends, preferences, and opportunities for enhancing the overall experience.
- Participate in code reviews and provide constructive feedback.

### Junior Engineer

Aug 2021 - Oct 2021

Flextronics

PUNE, MH, INDIA

- I have experience using Agile tools as well as PLM, BaaN, BOM functional modules, and macro programming.
- Develop effective communication and interpersonal skills, and the ability to operate both alone and in a team environment.
- Prepared standard reports and documentation to communicate results to senior management.

## TOOLS & SKILLS

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### Technical Skills:

MS - Office (Adv Excel, Word, etc.) | C/C++ Programming | STL, BOOST | Python | Django | GITHUB | NumPy | Pandas | Sci-kit | Pygame | Tableau/Power BI | PL/SQL | HTML-CSS | JavaScript

### Soft Skills:

Project Management | Communication | Leadership | Time Management | Adaptability | Problem-Solving | Teamwork | Creativity | Multitasker | Analytical skills | Team Management | Team Player

## CERTIFICATIONS

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Master's in data science by Top Mentor, Pune