Md Nurul Islam

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EDUCATION

Motilal Nehru National Institute of Technology Allahabad	Jul 2020 - May 2023
Master of Computer Application, MCA	*Prayagraj, UP*

TECHNICAL SKILLS

Programming Languages: C++, Java, JavaScript
Query Languages: MySQL, Sql Server
Framework: Spring Boot, ExpressJs, NodeJs, Angular, ReactJs
Developer Tools: VS Code, Git, Sublime Text, Spring Tool Suite
Platform: Windows, Linux
Others: Data Structure and Algorithm, Problem Solving, Debugging

EXPERIENCE

Technical Trainer | Link — Nov 2024 - Present
Chandigarh University — *Chandigarh*

- Developed and optimized training programs that emphasize practical problem-solving skills, enabling participants to tackle real-world development challenges effectively.
- Created coding exercises and projects tailored to simulate real-world scenarios, enhancing participants' analytical and debugging abilities.
- Guided learners through the process of identifying and resolving complex coding issues, fostering critical thinking and troubleshooting skills in a hands-on learning environment.
- Monitored and analyzed learners' performance to identify skill gaps, implementing targeted problem-solving modules to address areas of improvement.

Software Engineer | Link — Apr 2023 - Aug 2024
Paynways IT Services Pvt Ltd — *Noida, UP*

- Engineered a robust authentication framework for handling ISO8583 transactions, improving processing efficiency by streamlining middleware involvement, and achieving a 40% reduction in transaction processing time.
- Developed and deployed secure pre-authorization mechanisms for card transactions across ATM, POS, and e-commerce platforms, enhancing fraud detection and ensuring compliance with industry security standards.
- Crafted scalable UI components and standardized configurations, resulting in a 35% improvement in user engagement and a 20% decrease in user drop-off rates while ensuring consistent system integration.
- Implemented comprehensive purging and archival processes for transaction logs, optimizing database performance and ensuring seamless historical data retrieval through ISO8583 message archiving.
- Spearheaded code optimization efforts by designing high-quality, maintainable backend modules in Spring Boot, reducing post-release bugs by 40% and increasing team productivity by 25%.

ACHIEVEMENT

- Secured **288** India Rank in **NIMCET 2020**
- Secured **1800+** Rating on **Leetcode | Link**
- Achieved All India Rank **39** in Coding Ninja **Code Combat 3.0** among 5,000+ participants | **Link**