

Md Noornawaz Rahman

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EDUCATION

Indian Institute of Engineering Science and Technology, Shibpur

Howrah, WB

Bachelor of Technology in Computer Science And Technology (CGPA: 9.39 upto 6th Sem)

Nov 2022 – Present

RELEVANT COURSEWORK

Data Structures and Algorithms, Database Management Systems, Computer Networks, Operating Systems, Software Engineering, Data Science, Machine Learning, Artificial Intelligence, Computer Architecture, Information Security and Cryptography

EXPERIENCE

Research & Development Intern

May 2025 – July 2025

IIST Shibpur

Howrah, WB

- Built a web-based document authentication system with digital signature integration using Java Spring Boot, iText, Thymeleaf, and PostgreSQL
- Researched digital signature standards and executed secure PDF signing, adapting backend from Node.js to Java Spring Boot for library compatibility
- Gained hands-on experience in backend development, database management, and secure document processing
- Collaborated under academic supervision to deliver a fully functional system, released on GitHub under MIT License

PROJECTS

DigiCertify 📄 | *Java, Spring Boot, Thymeleaf, iText, PostgreSQL, Git*

- Engineered a full-stack web application enabling secure PDF digital signing using Spring Boot, iText, Thymeleaf, and PostgreSQL.
- Applied digital signature standards to ensure document integrity and authentication.
- Integrated multiple libraries and frameworks to create a robust and scalable backend.
- Issued the project on GitHub under MIT License, demonstrating practical implementation of security and web development skills.

Android Attendance App 📄 | *Android, Java, Android Studio, XML*

- Created an Android attendance management app with Admin and Teacher modules using Java and Android Studio.
- Executed features to add/view students and teachers, take attendance, and track individual student records.
- Designed a user-friendly interface for teachers to manage attendance and save subject-wise notes.
- Secured app access with admin login credentials and efficiently managed class-wise attendance.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Spring Boot

Developer Tools: Git, Docker, VS Code, Vim, PyCharm, IntelliJ, Eclipse

Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Pytorch