



Md. Masud Shohail

CONTACT

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Portfolio: <https://github.com/shohail07>

EDUCATION AND TRAINING

Jan 2010 - Dec 2017
Secondary School Certificate
Mymensingh Zilla School

Jun 2017 - Jun 2019
Higher Secondary Certificate
Royal Media College

Jun 2020 - Dec 2024
Bachelor of Science
North South University

WORK EXPERIENCES

17 Jun 2025 - Present
Analyst (Data Solution)
SEBPO

ABOUT ME

A recent graduate with a Bachelor of Science (BSc) degree in Computer Science and Engineering from North South University, I have built a strong foundation in technology, problem-solving, and software development. Throughout my academic journey, I worked on various projects that optimized efficiency and security, from IoT solutions to machine learning-based predictive models. I am passionate about leveraging technology to solve real-world problems, particularly in the fields of software development, IoT, and blockchain. With experience in both front-end and back-end development, I aim to contribute to innovative and impactful projects. I possess solid proficiency in multiple programming languages and tools, with a keen interest in continuous learning and development.

DIGITAL SKILLS

Programming Languages: Proficient in C, Java, Python, and MySQL.

Algorithm Design & Problem-Solving: Expertise in creating efficient algorithms and solving complex problems.

Software Development: Experienced in front-end and back-end development.

IoT Solutions: Hands-on experience with Arduino Uno for IoT projects.

Blockchain: Involved in blockchain-enabled security systems. ,
Version Control: Skilled in using GitHub.

Project Management: Experienced with Jira.

Research: Contributed to a publication on blockchain-enabled security systems.

PROJECTS

Blockchain-Enabled Security of Heterogeneous Communication Networks [Github](#)

1. Developed a Hyperledger Fabric framework for secure heterogeneous network communication.
2. Implemented smart contracts and consensus algorithms for enhanced data integrity.
3. Conducted comprehensive performance evaluations on latency and security resilience.

Predictive Modeling And Analysis Of Software Engineers Salary Using Machine Learning [Github](#)

1. Developed a predictive model using advanced machine learning algorithms for salary forecasting.
2. Utilized data preprocessing and feature engineering for enhanced model accuracy.
3. Uncovered key trends in software engineer salaries, benefiting workforce planning strategies.

Prison Administration System [Github](#)

1. Developed a secure, automated platform for efficient prison administration management.
2. Integrated user roles and credentials to ensure data protection and access control.
3. Streamlined inmate tracking, visitor logs, and staff scheduling to boost productivity.