# Sakib Ahamed Shahon *Software Engineer*

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in https://www.linkedin.com/in/sakib-shahon/   ○ https://github.com/sakib3201

## Skills

**Web Development**
Laravel, React.js, Node.js, Express.js, Tailwind, Bootstrap

**Programming Languages**
PHP, Python, JavaScript, C++

**Database Management**
MongoDB, MySQL, SQL

**Version control**
Bitbucket, Github , git

**Other Technologies**
Docker , Web Scraping (Selenium & Beautiful Soup), Data Visualization ( Seaborn, Matplotlib, etc.), Machine Learning (Pandas, Sci-kit, TensorFlow, etc), Homomorphic Encryption (Microsoft SEAL library)

## Professional Experience

**Web developer Intern,** *Incevio* ⊘

present

I am a backend web developer entrusted with adding new features, integrating third-party API, and maintaining maximum performance and security for a multivendor E-commerce website. My contributions include:

- Integrating multiple payment gateways that expand the customer base over 32 countries to use the software.
- Develop a shipping automation feature that seamlessly connect users to existing global shipping platforms.

**Software Engineer**

Worked as a freelance software engineer to develop projects focused on research, data analysis, and automation using Python. Also building websites for small to medium businesses with more focus on the backend. My responsibilities and experience includes:

- Developed and tested small-scale machine learning models for client-specific requirements.
- Delivering technical solutions and programming expertise to clients for diverse web scraping, and report generation automation.
- Developing backend system components for websites that focus on data analysis and machine learning.

## Education

**Computer Science and Engineering, BSc,**
*Jatiya Kabi Kazi Nazrul Islam University*
2018 – present | Trishal, Mymensingh, Bangladesh

## Projects

**ICTBJ-2023 (Research conference Website),** *Official Website for "International Conference on Technology, Business, and Justice" (Research Conference, 2023) at JKKNIU*

The official website of Jatiya Kabi Kazi Nazrul Islam University's research conference on Technology, Business, and Justice. The contributions in the project:

- Led a 2-person team in architecting the code base to accommodate rapid changes in requirements improving sprint speeds by over 25%.
- Optimized site loading speed, resulting in a 43% improvement (measured with 'lighthouse').
- Implemented data analytics features for the admin panel.
- Successfully managed deployment & testing under time crunch.
- Link: https://ictbj.jkkniu.edu.bd ⊘

**Amar-shop,**
*Responsive E-commerce Website for a Small Business*

It is a website that offers complete solutions for a small to medium-sized shop with features including inventory management, financial report generation & analytics, and customer & sales management. In this project I,

- Developed the backend system and integrated various functionalities such as product display, order tracking, sales analytics, and financial reporting
- Was in charge of architecting the code base, deployment, UI design, and communication with the client.
- Link: https://github.com/sakib3201/Amar-shop ⊘

## Awards

**ICPC divisional Champion, Mymensingh division**
2023

Became the divisional champion from Mymensingh as part of team KNU_Sui_Generis. Made it to the top 4% teams in ICPC 2023 as 96th position out of overall 2481 participating teams.

**2nd Runners-up, "NASA Space Apps Challenge - 2020" (Hackathon),** *NASA & BASIS*

**Regional Champion, "NASA Space Apps Challenge - 2019" (Hackathon),** *NASA & BASIS*

## Community contributions

**LightOj online judge tutorials (official repo)**

Contributed over 15 officially accepted written tutorials for the algorithmic problem-solving online judge LightOj. Covering topics such as basic data structures, graph algorithms, and search techniques.