

Shuchi Brata Roy

Mobile: +8801780363359 | Email: royshuchibrata@gmail.com | [LinkedIn](#) | [GitHub](#)

NID: 7374023492

Present Address: 175, Principle Khagendranath Chakraborty Road,
Narayanganj-1400

Permanent Address: VILL: Kamalla, PO: Kamalla-3540, UP: Muradnagar, DIST: Cumilla



PROFILE SUMMARY

Dedicated and enthusiastic computer science student, actively pursuing career opportunities to apply my skills and abilities. Experienced in computer networking & proficient communicator in English. Passionate about developing my knowledge, enhance my expertise, and gain valuable experience & make a meaningful contribution to a future organization.

EDUCATION QUALIFICATION

American International University-Bangladesh (AIUB)

Bachelor of Science (B.Sc) in Computer Science & Engineering (CSE)
CGPA: 3.56 out of 4.00

Dhaka, Bangladesh

8 Jan 2020 - 10 Jan 2024

Government Tolaram College, Narayanganj

Higher Secondary School Certificate (HSC)
GPA: 4.33 out of 5.00 (Science)

Narayanganj, Bangladesh

2019

Narayanganj High School & College

Secondary School Certificate (SSC)
GPA: 4.91 out of 5.00 (Science)

Narayanganj, Bangladesh

2017

WORK EXPERIENCE

❖ System Support Engineer (NOC)

(April 2024 - Present)

Tirzok Private Limited

Key Responsibilities:

⇒ Managed critical infrastructures, including:

- **Surokkha** (Corona Vaccination Infrastructure)
- **VaxEPI** (Health Services Citizen Portal)
- **BMET** (Bureau of Manpower, Employment and Training Portal)
- **TGTDCL** (Titas Gas Infrastructure)
- **TBS** (Tirzok BICC Solution), **TCS** (Tirzok Cloud Service)
- Monitored Linux server performance using **Nagios** and **Grafana**, ensuring system availability and reliability through proactive analysis.
- Performed **basic server configuration** to optimize functionality and maintain operational stability.
- Server maintenance, issue troubleshooting and take necessary action.
- Daily & Monthly infrastructure report generation

❖ Internship at Information & Communication Technology Division

(Sept 2023 - Dec 2023)

Citizens Bank PLC

Head Office: Chini Shilpa Bhaban-2, 76 Motijheel C/A, Dhaka-1000, Bangladesh

- During my internship, I gained knowledge of the essential LAN and WAN equipment used in a bank, including their basic configuration and installation, as well as monitoring banking services using **Zabbix**.
- Engaged with the procurement process of ICT equipments.

CERTIFICATES

- | | |
|--|------------------|
| ▪ Certificate on CyberOps Associate course (CISCO) | AIUB |
| ▪ Certificate on JAVA-based programming participation | ARCED Foundation |
| ▪ Certificate on Ultimate IT Networking Fundamentals | Udemy |
| ▪ Certificate on Introduction to Python | Udemy |
| ▪ Certificate on Fundamentals of Python Machine Learning | Udemy |

TECHNICAL SKILLS

Operating Systems:	Windows, Linux (Ubuntu).
IDE Tools:	CodeBlocks, Visual Studio, VS Code, R Studio, Google Colab, Kaggle, Emu8086, Arduino IDE.
Design Software:	Canva, Adobe.
Simulation Software:	NI Multisim, Proteus, MATLAB, Simulink, Selenium IDE.
Programming Language:	C++, Java, C#, HTML, CSS, PHP, JavaScript, Python, R
Networking Tools:	Security Onion, Cisco Packet Tracer.
Database:	MySQL, Oracle.

OTHER EXPERIENCES

Thesis - Implemented Lung Cancer Detection using a Deep Learning approach. Utilizing Convolutional Neural Network (CNN) architecture, specifically the ResNet-50 & Support Vector Machine (SVM).

- Hands on experience of various course projects work and some engineering projects.
- Experience in conducting research on scholarly journals and conference papers, composting reports.

INTERESTS

- Cyber Security
- Computer Networking
- Ethical Hacking
- Information Technology

REFERENCES

KAZI MD. EHASANUZZAMAN
Executive Vice President & Head of ICT Division
Citizens Bank PLC
Cell: 01711031433
Email: ehasan@citizensbankbd.com

DR. SHAMEEM AHMAD
Assistant Professor
Electrical & Electronic Engineering
American International University-Bangladesh
Cell: 01767544806
Email: ahmad.shameem@aiub.edu

A K M SHAHRIAR
Senior Executive Officer
Information & Communication Technology
Division
Citizens Bank PLC
Cell: 01744366320
Email: akm.shahriar@citizensbankbd.com

GOURI SHANKAR ROY
Associate Professor
Architecture Discipline
Khulna University
Cell: 01711347374
Email: gsroy@arch.ku.ac.bd