

ASHUTOSH ROY

Instructor — Computer Science & Technology

Dinajpur, Rangpur Division, Bangladesh | ashutoshroy8797@gmail.com | linkedin.com/in/ashutosh-roy-47a4602b1 | github.com/ashutoshroy8797

SUMMARY

Instructor with over nine years of experience teaching Computer Technology for the Government of the People's Republic of Bangladesh, with a focus on Linux, cybersecurity, digital electronics, SQL and Python. Builds automation tools that solve real administrative problems for the institute, from results processing to attendance tracking, alongside classroom teaching and exam material development. Committed to a learner-focused approach and continual upskilling in AI, data tooling and applied engineering.

SKILLS

Systems & Security: Linux, Cybersecurity fundamentals, Digital Electronics, Networking

Programming & Data: Python, SQL, Pandas, Data Analysis, Data Manipulation

Applied Projects: PDF-to-document automation, computer vision (InsightFace/OpenCV), PHP/MySQL web apps

EXPERIENCE

Instructor — Government of the People's Republic of Bangladesh April 2016 – Present

Dinajpur Government Polytechnic Institute, Dinajpur, Rangpur Division, Bangladesh (BTEB-affiliated)

- Teach Linux, Digital Electronics and Python Programming to diploma-level students under the Bangladesh Technical Education Board (BTEB) curriculum.
- Develop curriculum materials, lab manuals and exam question sets for core CST subjects.
- Built a Python tool that extracts student results from official BTEB PDFs into formatted Word documents, removing manual re-typing of results.
- Built an InsightFace-powered face recognition attendance system for real classroom use.
- Developed a PHP/MySQL employee leave management system used by the institute's staff.

CERTIFICATIONS

- Pandas — LinkedIn Learning
- Python — LinkedIn Learning
- Generative AI for Product Managers — LinkedIn Learning
- AI Productivity Hacks to Reimagine Your Workday and Career — LinkedIn Learning
- Your Top AI Questions Answered: AI Literacy for Everyone — LinkedIn Learning

EDUCATION

BUBT (Bangladesh University of Business & Technology)

BSc in Engineering, Computer Science and Engineering — Sept 2013 – Sept 2017

Thakurgaon Polytechnic Institute

Diploma in Engineering, Computer Technology — Sept 2008 – Oct 2012

Taratbari B.L. High School, Birganj, Dinajpur

Secondary School Certificate, Science — Jan 2007 – Apr 2008