Protik Dey

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SKILLS

- **Programming Languages**: C, C++, Java, Python, SQL
- **Frameworks**: Django, Javafx
- **Version-control System**: Git

EDUCATION

- **Bangladesh University of Engineering and Technology**

  B.Sc. in Computer Science and Engineering

  February 2016 – 2021

  CGPA: 3.28

- **Higher Secondary Certificate (HSC)**

  Notre Dame College, Dhaka

  Passing Year: 2015

  GPA: 5.00

- **Secondary School Certificate (SSC)**

  Ideal School and College, Dhaka

  Passing Year: 2013

  GPA: 5.00

PROJECTS

- **News Crawler (2021)**

  Github Link: https://github.com/ProtikDey/News-Crawler

  A web crawler to fetch news content from a link using **BeautifulSoup** and **Trafilatura**.

- **Travelers Guide (2019)**

  Github Link: https://github.com/SoumitSaha/Travelers_Guide

  A website to help travelers using the **Django** framework.

- **Known Password Attack (2019)**

  Github Link: https://github.com/ProtikDey/Known-Password-Attack

  An attack code for breaching authentication systems written in **Python**.

- **ICMP Blind Connection Reset Attack (2019)**

  Github Link: https://github.com/ProtikDey/ICMP-Blind-Connection-Reset-Attack

  A simple **Python** project for preventing a user from accessing the Internet.

- **Art Gallery Management System (2017)**

  Github Link: https://github.com/ProtikDey/Art-Gallery-Management-System

  Oracle database project using **Javafx**.

- **Type Racer (2016)**

  A networking-based multi-player game using **Java**.

- **Catch That Egg (2016)**

  Github Link: https://github.com/ProtikDey/Catch-That-Egg

  A single-player game using **iGraphics**.

RESEARCH

- Completed undergraduate thesis on '**Static Detection of Malicious Code in Programs Using Semantic Techniques'** under the supervision of Professor Dr. Muhammad Masroor Ali and published a paper at the 2020 11th International Conference on Electrical and Computer Engineering (ICECE).

  Paper Link:
  https://ieeexplore.ieee.org/abstract/document/9393121?fbclid=IwAR2IizRYQYlf6QYbJzkOGm-6uQP647y97eUtp2JUvNTiJIkSfPFHLi-MIF0