

# Souvik Das

CS Graduate | CSCA™

*Inquisitive, energetic computer science specialist, skilled in leadership, with a strong foundation in math, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development as a programmer.*



souvik.piyal@gmail.com

+8801988912542

Dhaka, Bangladesh

piy4l.github.io/Portfolio-Website/

linkedin.com/in/souvik-das-048479153

## EDUCATION

### BSc Engineering

Bangladesh University of Engineering and Technology

03/2018 - Present

CGPA 3.83 out of 4.00(after L4, T1)  
Dean's List(in all levels)

Major

- Computer Science and Engineering

### Higher Secondary Certificate

Govt. Ananda Mohan College, Mymensingh

2015 - 2017

GPA 5.00 out of 5.00

## PROJECTS AND PUBLICATIONS

University Management System (2022)

- Developed a web application using Node.js, React, Cassandra and Kubernetes

Moodle (2021)

- Developed a responsive application of teacher-student communication platform with Django, HTML and Oracle

Avengers Endgame (2018)

- Developed a mini game based on iGraphics in C++

Online Multiplayer Game (2019)

- Developed a multiplayer game with socket programming using Java and JavaFX

Stock Market Prediction (2023)

- Developed a Machine Learning model to predict stock prices

Automatic Flood Detection System (2022)

- Built a hardware project with Arduino, Water sensor, Rainfall sensor, Waterflow sensor and GSM module

Smart Entrance & Automated Hand Sanitizer (2021)

- Built a hardware project using Arduino, ATmega32, Temperature sensor, Motion sensor, Ultrasonic sensor, etc.

Modeling Sustainable Challenges to Waste Reduction in the Food Industry (2022)

- Conducted a research work published in Supply Chain Insider

Intrusion Detection in Containerized Environment (2022 - Present)

- Ongoing thesis work

## WORK EXPERIENCE

### Tuition

Private

11/2017 - 12/2022

Mymensingh

Achievements

- 2700 hours(approx.) of teaching experience

## SKILLS

C/C++

Python

Java

Javascript

Node.js

React

SQL

Cassandra

Kubernetes

HTML/CSS

Django

Microsoft Office

Proteus

## ACHIEVEMENTS

National Math Olympiad

1st Runner Up

National Physics Olympiad

Winner(2x)

National Science Olympiad

Winner(3x)

HSBC Vasha Protijog

Champion

## ORGANIZATIONS

Pothochari Foundation (2018 - Present)

Founder

## CERTIFICATES

Certified Supply Chain Analyst (CSCA™)  
(01/2021 - Present)

by ISCEA -International Supply Chain Education Alliance

The Fundamentals of Digital Marketing  
(07/2020 - Present)

by Google Digital Garage

## LANGUAGES

English

Professional Working Proficiency

Bangla

Native or Bilingual Proficiency

## INTERESTS

Gaming

Coding

Travelling

Teaching

Photography