



EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR, WB, INDIA

July 2017-June 2021

Bachelor of Technology (B.Tech)

MAJOR: BIOTECHNOLOGY, CGPA- 8.16 (Based on last 60 units), FIRST-CLASS

Relevant Courses: Introduction to Computing, Programming And Data Structure, Database Management Systems, Bioinformatics, Basic Electronics, Electrical Technology, Fundamentals of Power Systems, Measurement And Instrumentation, Process Control And Instrumentation, Engineering Physics, Fiber-Optics Communication, Optimization in Engineering Design, Mathematics-I, Mathematics-II, Mathematics-III

DHAKA EDUCATION BOARD, DHAKA, BANGLADESH

Higher Secondary Certificate (HSC)-GROUP: SCIENCE, GPA: 5 / 5

June 2014-Aug 2016

Secondary School Certificate (SSC)- GROUP: SCIENCE, GPA: 5 / 5

Jan 2012- May 2014

EXPERIENCE AND RESPONSIBILITY

HEAD OF CREATIVE AND WEB

Oct 2018 - July 2021

REcursion NIT Durgapur Coding Club

Durgapur, IN

- Front-end developer for recursionnitd.in and graphics work
- Coordinated in organizing coding class, ICPC like contests and annual campus fests

DEVELOPER INTERN

May 2019 - June 2019

Bangladesh Computer Council

Dhaka, BD

- Worked on a 'Smart Leave Management' web project
- Developed frontend for Express-Handlebars-MongoDB app

PERSONAL PROJECTS

SIMPLYBLOG - A SPRING BOOT REACTJS BLOG

- Backend: Spring Boot, MySQL. Frontend: Reactjs Bootstrap
- A web app with auth, jwt, blog, like, connections

BORNOMALA AR -AUGMENTED BENGALI ALPHABET FOR KIDS

- Used Unity's AR Foundation and ARTrackedImageManager
- An app that augments example 3d models for Bengali alphabets

GRADMATE - A GRAPHICAL FLASHCARD APP

- Developed in React-native with firebase, google auth
- Cross-platform with auth, flashcard, dashboard and stats

SELENIUM-CHROMEDRIVER-AUTOMATION: AUTOTRADER

- Used python, selenium, chromedriver, twilio, supervisord
- Automates auth and binary trading with failsafe and call alarm

ACHIEVEMENTS AND PUBLICATION

- Mandal, D.D., Singh, G., Majumdar, S., Chanda, P. Challenges in developing strategies for the valorization of lignin—a major pollutant of the paper mill industry. Environ Sci Pollut Res (2022). <https://doi.org/10.1007/s11356-022-24022-4> Dec 2022
- Received fully funded international ICCR (Govt. of India) Scholarship for four years of B.Tech at NIT Durgapur. June 2017
- Runners-up in Dhaka Zone in Speech competition in Bangladesh Children Prize Award. March 2012

ONLINE HANDLES

github.com/piedpipr

[in/protikchanda](https://in.linkedin.com/in/protikchanda)

[google scholar](https://scholar.google.com/citations?user=...)

SKILLS

PROGRAMMING LANGUAGES

Java

JavaScript

Python

C

SQL

(Descending order of Proficiency)

TECHNOLOGIES

Spring Boot, Reactjs

React-Native, Gatsbyjs

Bootstrap, MySQL

MongoDB, Firebase

Git, Linux, Postman

Unity, Photoshop

IELTS TEST SCORE:

Overall Band Score - 7.5

S - 8, L- 8, R -7.5, W - 6.5

ONLINE COURSES

- Introduction to Artificial Intelligence (AI)- by IBM
- Neural Networks and Deep Learning-by DeepLearning.AI
- Python Data Structures- by University of Michigan
- AWS Fundamentals: Going Cloud-Native by Amazon/AWS