



## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR, WB, INDIA

July 2017-June 2021

#### Bachelor of Technology (B.Tech)

MAJOR: BIOTECHNOLOGY, CGPA: 6.74 / 10 , FIRST-CLASS

Relevant Courses: Introduction to Computing, Programming And Data Structure, Database Management Systems, Bioinformatics, Basic Electronics, Electrical Technology, Fundamentals of Power Systems, Engineering Physics, Mathematics-I, Mathematics-II, Mathematics-III

### DHAKA EDUCATION BOARD, DHAKA, BANGLADESH

#### Higher Secondary Certificate (HSC)

June 2014-Aug 2016

GROUP: SCIENCE, GPA: 5 / 5

#### Secondary School Certificate (SSC)

Jan 2012- May 2014

GROUP: SCIENCE, GPA: 5 / 5

## EXPERIENCE AND RESPONSIBILITY

### HEAD OF CREATIVE AND WEB

Oct 2018 - July 2021

#### REcursion NIT Durgapur Coding Club

Durgapur, IN

- Front-end developer for [recursionnityd.in](https://recursionnityd.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

### 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

- A co-authored review paper titled 'Challenges in developing strategies for the valorization of lignin: a major pollutant of the paper mill Industry' is accepted in [Springer's ESPR](#), awaiting for publication. Nov 2022
- Received Fully funded international ICCR (Govt. of India) Scholarship for four years of B.Tech at NIT Durgapur. June 2017
- Divisional Runners-up in Speech competition in Bangladesh Children Prize Award. March 2012

## ONLINE HANDLES



github.com/piedpipr



in/protikchanda

## 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  
Photoshop

### IELTS TEST: Overall Band 7.5

### 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