

# PROTIK CHANDA

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## EDUCATION

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

Aug 2017-June 2021

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

**MAJOR: BIOTECHNOLOGY, FIRST-CLASS, CGPA- 6.74/10** (overall) and **8.16 /10** (based on last 60 units)

Relevant Courses: Bioinformatics, Human Genomics, Molecular Modeling and Drug Design, Molecular Biology and rDNA Technology, Vaccine Technology, Cell Biology and Genetics, Environmental Science, Introduction to Computing, Programming And Data Structure, Database Management Systems, Basic Electronics, Optimization in Engineering Design, Mathematics-I, Mathematics-II, Mathematics-III

**THESIS:** Lignin in Biomedical and Pharmaceutical Use

### 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

## 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).

DOI: <https://doi.org/10.1007/s11356-022-24022-4>

## ONLINE COURSES AND CERTIFICATES

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

## SKILLS

|                         |  |
|-------------------------|--|
| PROGRAMMING LANGUAGES : | Java, Python, JavaScript, C, SQL   |
| TECHNOLOGIES :          | Spring Boot, Reactjs, React-Native, Gatsbyjs, Bootstrap, MySQL, MongoDB, Firebase, Git, Linux, Postman, Unity, Photoshop             |
| LANGUAGES :             | English : IELTS Overall Band - 7.5, Individual: S - 8, L - 8, R - 7.5, W - 6.5<br>Bangla: Native Speaker, Hindi: Working Proficiency |

## EXPERIENCES AND RESPONSIBILITIES

### HEAD OF CREATIVE AND WEB at *REcursion NIT Durgapur Coding Club*

Oct 2018 - July 2021  
Durgapur, IN

- Front-end developer for [recursionnitd.in](https://recursionnitd.in) and graphics work
- Coordinated in organizing coding class, ICPC like contests and annual campus fests

### DEVELOPER INTERN at *Bangladesh Computer Council*

May 2019 - June 2019  
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

- A web app with auth, jwt, blog, like, connections • Tech: Spring Boot, MySQL, Reactjs Bootstrap

### GRADMATE - A GRAPHICAL FLASHCARD APP

- Cross-platform with auth, flashcard, dashboard and stats • Tech: React-native, firebase, google auth

### SELENIUM-CHROMEDRIVER-AUTOMATION: AUTOTRADER

- Automates binary trading with failsafe and call alarm • Tech: python, selenium, chromedriver, twilio

## SCHOLARSHIP AND ACHIEVEMENTS

- Received fully funded international ICCR (Govt. of India) Scholarship for four years of B.Tech at the National Institute of Technology Durgapur. June 2017
- Runners-up in Dhaka Zone in Speech competition in Bangladesh Children Prize Award. March 2012