

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 Bengali: 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 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