PROTIK CHANDA

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR, WB, INDIA   *July 2017-June 2021*

Bachelor of Technology (B.Tech)

MAJOR: BIOTECHNOLOGY, CGPA- 8.16 (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, Engineering Physics, Mathematics-I, Mathematics-II, Mathematics-III, Optimization in Engineering Design

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 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

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