

# Abir Ashab Niloy

📍 R-2305, Ex-2, SH Hall, University of Dhaka    ✉ bsse1315@iit.du.ac.bd    ☎ +8801794406966    📁 Portfolio  
in abir-ashab-niloy    🌐 Abir-Ashab

## EDUCATION

### IIT, University of Dhaka

Bachelor of Science in Software Engineering

Jan 2022 - Current

- GPA: 3.6/4.0 (up to 5th semester)

## EXPERIENCE

### Software Engineer Trainee

[Xpeedlab](#) 🌐

Dhaka, Bangladesh

Jan 2024 - Mar 2024

- Made my [portfolio](#) 🌐 (HTML, CSS, Javascript), a todo-list application (React, Node, Postgresql, Prisma) and a Personal blog application (React, Node, Postgresql, Prisma)
- Worked on a software project named calibration-master of Reneta (A top pharmaceutical company in Bangladesh), an Android app named 'Boimela-compass'

## ACHIEVEMENTS

### Competitive Programming

- Specialist (cyan) at Codeforces (max-ratings: 1441 • handle: [abir\\_ashhab](#) 🌐 • Problems solved 400+)
- 3\* (blue) at CodeChef (max-ratings: 1707 • handle: [abir\\_ashab](#) 🌐 • Problems solved 50+)

### Hackathon

- Finalist (Top 10 from 150+ teams) of DU ITVerse-2023 at the openApi Hackathon (Team: IIT\_codeGurus)
- Finalist (Top 20 from 200+ teams) of BUET CSE FEST-2024 at the AI and API Hackathon (Team: Allahr\_Naame\_Cholilam)

## PROJECTS

### Distributed Mini Stack-Over-Flow

[Stack-Over-Flow](#) 🌐

- Developed a monolithic Mini Stack-Over-Flow platform with plans to transition from current architecture to microservices offering features similar to Stack Overflow.
- Tools Used: React, Node, Express, MongoDB, Tailwind CSS, Docker, Nginx

### Recruitment Management System

[RecruitEase](#) 🌐

- AI-based recommendation system for freshers and employers with job posting and searching features.
- Tools Used: React, Node, Express, MongoDB, Tailwind CSS

## SKILLS

**Programming Languages:** C++, C, Java, SQL, JavaScript, Python

**Frameworks:** React, Express

**Database:** MongoDB (Mongoose), Postgresql (Prisma), MySQL

**ML Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Keras, NLTK, WordCloud, Transformers

**Tools:** Dev Tools (Docker, Git & Github), Research Tools (Sci-hub, Elicit, Insightful)

## REFERENCES

[1] Dr. Ahmedul Kabir, Associate Professor, IIT, University of Dhaka    ✉ kabir@iit.du.ac.bd

[2] Md Rakibul Islam, Founder and CEO, Xpeedlab    ✉ bsse0903@iit.du.ac.bd