Abdus Samee

Dhaka, Bangladesh

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💼 linkedin.com/in/abdus-samee-19990128/ | 🎓 Abdus Samee

Personal Profile

An undergraduate student (senior) in the department of Computer Science & Engineering at Bangladesh University of Engineering & Technology. I am interested in web development. My research interest lies in Federated Learning, Software Engineering, and Human-Computer Interaction(HCI). I am recognized for possessing a strong passion for learning and being able to do hard work.

Education

Bangladesh University of Engineering and Technology   *Dhaka, Bangladesh*

BSc in Computer Science and Engineering   *April 2019 - Current*

- Average CGPA of 3.8
- **Courses:** Structural and Object Oriented Programming, Data Structure and Algorithms, Database, Theory of Computation, Compiler, Microprocessor and Microcontroller, Operating Systems, Computer Networks, Computer Security, Computer Architecture, Information System Design, Software Engineering, Artificial Intelligence, Computer Graphics, Discrete and Concrete Mathematics, Machine Learning, Basic Graph Theory, Algorithm Engineering, etc

Chittagong Cantonment Public College   *Chittagong, Bangladesh*

High School   *Jan 2016 - Oct 2018*

- Passed with Distinction(GPA 5)
- Specialised in Physics, Chemistry, Maths, English, and Biology

Voluntary Work Experience

HackMerced   *California, USA*

Engineering Team Member   *Apr 2021 - Jan 2023*

- Implement new features for the HackMerced website
- Update existing parts of the website
- Organizing the hackathon
- **Technical Skills:** ReactJS, CSS, Git
- **Soft Skills:** Teamwork, Time Management, Communication.

Projects

CodeLytic-Frontend   *Dhaka, Bangladesh*

Bangladesh University of Engineering and Technology   *July 2023 - Sep 2023*

- This project was developed as part of our Software Engineering course following the necessary protocols for developing software.
- Platform offering CS courses.
- Users can enroll in free and premium courses to enhance their knowledge.
- Users can track their progress in each course and participate in quizzes.
- Content creators submit courses to the platform.
- **Technical Skills:** ReactJS, HTML, CSS, Git

AlgoLytic   *Dhaka, Bangladesh*

Bangladesh University of Engineering and Technology   *Nov 2022 - Mar 2023*

- This project was developed as part of our System Design course following the necessary protocols for developing software.
- Technical interview preparation site for software engineers.
- There are also courses offered for enhancing basic knowledge.
- Provision for submitting codes and getting verdicts
- Get recommendations for problems based on past results and see progress.
- **Technical Skills:** ReactJS, Express, Git, System Design

Crunchyroll   *Dhaka, Bangladesh*

Bangladesh University of Engineering and Technology   *Feb 2022 - Apr 2022*

- Streaming site for animes and mangas.
- Viewers can enjoy both free and premium content.
- They can also engage in discussions.
- **Technical Skills:** ReactJS, SQL, NodeJS.

Task Scheduler

Online

Personal

Mar 2021

- Schedule tasks to tidy up our day-to-day lives
- Usage of queue in Laravel to send scheduled emails at a later time
- AUthentication of users enabled
- **Technical Skills:** Laravel, PHP, MySQL, HTML, CSS

Codeforces Flutter App

Chattogram, Bangladesh

Personal

Oct 2020 - Dec 2020

- Users with a valid Codeforces handle can look at various statistics of their performance
- It shows what kind of problems they have solved
- Also the verdicts of those problems and the overall rating change
- It was built with the help of Codeforces API
- **Technical Skills:** Flutter, Dart, API

Car Warehouse

Dhaka, Bangladesh

Bangladesh University of Engineering and Technology

Aug 2020 - Dec 2020

- General users can buy and sell cars.
- Admin can add or delete cars.
- All the activities are done by socket programming
- **Technical Skills:** JavaFX, Socket

ScreenShare

Dhaka, Bangladesh

Personal

Jun 2020 - Aug 2020

- Screen sharing application done on localhost with single server and client
- Client shares its screen with the server
- The server can control the screen of the client from its window
- OpenCV is included later on to support video sharing
- **Technical Skills:** Java, JavaFX, Socket Programming, OpenCV

Pronounce

Dhaka, Bangladesh

Personal

Jun 2020 - Jul 2020

- A chrome extension
- Uses a dictionary API to give relevant information about a word
- The information includes pronunciation, audio, phonetics, etc
- **Technical Skills:** Javascript, Bootstrap, API

DX Ball

Dhaka, Bangladesh

Bangladesh University of Engineering and Technology

Aug 2019 - Sep 2019

- My first project of varsity using iGraphics.
- Just a spinoff of the original DX-Ball game with some levels and scoresheet enabled.
- **Technical Skills:** C++, iGraphics.

Publications

Workshop Paper

Zero-shot Prompting for Code Complexity Prediction Using GitHub Copilot
  M. Siddiq, A. Samee, S. R. Azgor, S. I. Sawraz, J. C. S. Santos
  2023 IEEE/ACM 2nd International Workshop on Natural Language-Based Software Engineering (NLBSE), 2023, URL: **https://ieeexplore.ieee.org/document/ 10189162**

Skills

Programming   Java, Python, Laravel, C, C++, ReactJS, NodeJS, JavaScript, Typescript, SQL, Tensorflow, MIPS/ARM/Nios II assembly languages.
Miscellaneous   LaTeX(Overleaf), Figma, Microsoft Office.