



Sarowar Hossain

Software Engineer

Aspiring software engineer with great enthusiasm for learning and a proactive individual who wishes to contribute to the company to the fullest and seeks to develop his skills.

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📍 Dhaka, Bangladesh

🌐 [linkedin.com/in/shmishkat/](https://www.linkedin.com/in/shmishkat/)

📞 +8801521330047

🌐 shmishkat.github.io

🐙 github.com/shmishkat

🎓 Education

◆ BSc. in CSE, BRAC University

(2016-2021)

Publications:

- Traffic Forecasting using Time-Series (Publisher: IEEE)
- Unpublished Book Chapter: Smart Plastic Separator for Industrial Use

◆ HSC, Bir Shreshtha Noor Mohammad Public College

(2013-2015)

📁 Work Experience

◆ UI/UX Design Course Instructor, Freelancing School

(May, 2021 - Present)

56 Reza Plaza, Rd. 12, B-J, Baridhara, Dhaka - 1212

Teaching UI design and User Experience with case studies and projects.

⚙️ Projects

- ◆ NewsFeed App (iOS, SwiftUI) Fetches news headlines from popular news portals using their APIs.
- ◆ Fischer Random Chess/Chess960 Position Generator (iOS App)
- ◆ Personal portfolio site (Using Hugo static site generator and Github Pages)
- ◆ Personal Movie Tracker (iOS App)
- ◆ Xylophone (iOS App)

For more details: <https://shmishkat.github.io/projects/>

🔧 Technical Skills

Programming Languages: Java, Python, Swift, C++, SQL, x86 Assembly, Bash, Verilog, R, Rmd, JSON

Libraries and Frameworks: SwiftUI, UIKit, AVFoundation, JOGL, Static site generator (Hugo, Jekyll), HTML, Markdown.

Software Tool: Git, Pspice, emu8086, Xcode, Sketch, Adobe XD

OS: MacOS, Ubuntu, Fedora

👤 Courses and Training

- ◆ iOS 13 & Swift 5 - The Complete iOS App Development Bootcamp by Angela Yu.
- ◆ UI/UX Design Course, Shikhbe Shobai
- ◆ Beginning iOS App Development With Swift 5 by Ashiq Uz Zoha
- ◆ **MOOC Courses:**
 - Python for Everybody(Specialization)
 - SwiftUI - Learn How to Build Beautiful, Robust Apps
 - Complete App Design Course-UX, UI and Design Thinking
 - The Complete Sketch 5 Course
 - User Experience Design Essentials - Adobe XD UI UX
 - Microsoft Excel - Excel from Beginner to Advanced

👤 Extracurricular Activities

◆ Former Vice-President, BRAC University Chess Club

- ◆ Champion, ACPB 1st Inter-University Team Battle, 2021
- ◆ 1st Runner Up, AIUB Presents 6th NDCC National Chess Carnival, 2020
- ◆ Organized and played for BRACU at 1st Berger National Inter-University Chess Championship (1st Runner up)
- ◆ Captained and played for BUCHC at National 2nd Division Chess League - 2019 (6th & the best uni-team)
- ◆ 2-time runner-up at BRACU Chess Championship.
- ◆ International FIDE rated chess player. (FIDE ID- 10234594)

◆ Chess Trainer, BRAC University Chess Club

◆ Chess Trainer, BRAC Education Program

👤 Reference

- ◆ Ashiq Uz Zoha, Chairman and Co-founder, Drubok Infotech Services Ltd. Ashiq.ayon@gmail.com +8801716537501
- ◆ Sakif Ahmed, Director and CEO, InfoLink Ltd. Info@sakifahmed.me +8801714420001

👤 Presentation & Conference

- ◆ M. A. R. Shuvo, M. Zubair, A. T. Purnota, S. Hossain and M. I. Hossain, "Traffic Forecasting using Time-Series Analysis," 2021 6th International Conference on Inventive Computation Technologies (ICICT), 2021, pp. 269-274, doi: 10.1109/ICICT50816.2021.9358682.