

Pial Kanti Samadder

Software Engineer

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- <https://github.com/PialKanti>

Professional Experience

Samsung R&D Institute Bangladesh (SRBD), Software Engineer **Apr 2018 – Present**

111, Bir Uttam CR Dutta Rd, Dhaka-1205

- Developed applications for windows platform using UWP framework which uses .NET Classes and WinRT APIs.
- Integrated data sync functionalities with mobile platforms for giving Multi-Device experience to users.
- Developed customized and responsive UI layouts for different screen size devices in windows platform.

NG Solutions System Limited, Junior Software Engineer **Jul 2017 – Apr 2018**

House: 554, Road: 9, Adabor Main Rd, Dhaka 1207

- Designed and developed web applications using PHP based Laravel framework.

Research Experience

Title: A Convolutional Neural Network based Approach to Detect Handwritten Bangla Characters /

Undergraduate thesis

Achievement:

- Recognized Bangla Handwritten character from given input image.
- Used Convolutional Neural Network (CNN) for training handwritten character classification model.

Education

B.Sc. in Computer Science & Engineering **2013 - 2017**

Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh

CGPA: 3.27 / 4.00

Standardized Test Scores

Toefl iBT – 9th October, 2021

Total	Reading	Listening	Speaking	Writing
98	23	27	24	24

Graduate Record Examination (GRE) – 23th August, 2021

Total	Verbal	Quantitative	Analytical
305	145	160	3.5

Certification

LICT Top-Up IT Training on Basic and Advance Java(J2EE) **October 2016**

Conducted by Ernst & Young LLP, India under project of Bangladesh Computer Council (BCC)

Certified by George Washington University, USA

[See credential](#)

Technical Skills

Languages	:	C#, Java, C, C++, Python, Assembly, JavaScript, PHP
Database	:	SQLite, MySQL, Oracle
Version Control System	:	Git, Perforce
Frameworks	:	UWP, Android, Laravel, Angular

Notable Projects

Samsung Notes (Windows)

- In charge of several modules and engaged in development from scratch to commercialization
- Worked on continuous data sync between multiple devices, developed adaptive UI controls
- Worked on SDK development using C# and C++/WinRT

Technologies Used: C#, C++/WinRT, Xaml, UWP framework

2019 – Present

[See in Microsoft store](#)

SmartThings

- Worked device setup navigation workflow
- Worked on Devices and Scenes management

Technologies Used: C#, C++/WinRT, Xaml, UWP framework

Jul 2019 – Dec 2019

[See in Microsoft store](#)

Call & Message Continuity (CMC)

- Developed Call sync feature to give users multi-device experience
- Implemented call pull scenarios between two or more devices

Technologies Used: C#, Xaml, UWP framework

Apr 2018 – Jul 2019

[About CMC](#)

Instant Book Reviewer

- An android application which can give real time ratings and reviews from internet by simply capturing image of a book's cover.

Technologies Used: Java, Android, OCR(Tesseract), Image Processing(OpenCV)

October 2015

[Project Link](#)

Honor and Awards

- Achieved 4th place in Project Showcasing events in *IUT 7th National ICT festival (2015)* for developing “KhudeBarta” app.
- Received Technical Scholarship in KUET in 3rd year based on academic semester result.

Volunteer Experience

Event Coordinator

National High School Programming Contest – NHSPC, Khulna, Bangladesh

March 2017

Organizer

Intra KUET Olympiad of Mathematics, Khulna, Bangladesh

May 2015

References

Dr. Kazi Md. Rokibul Alam

Professor

Department of Computer Science and Engineering
Khulna University of Engineering & Technology(KUET)

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Debashis Maitra

Staff Engineer

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