

# 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 – 9<sup>th</sup> October, 2021

Total	Reading	Listening	Speaking	Writing
98	23	27	24	24

Graduate Record Examination (GRE) – 23<sup>th</sup> 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)

[See credential](#)

Certified by George Washington University, USA

## Technical Skills

Programming Language	:	C#, Java, C, C++, Python
Database	:	SQLite, MySQL, Oracle
Others	:	UWP, Android, PHP, JavaScript
Version Control System	:	Git, Perforce

## Notable Projects

### Samsung Notes (Windows)

2019 – Present

[See in Microsoft store](#)

- 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

### Call & Message Continuity (CMC)

2018 – 2019

[About CMC](#)

- Developed Call sync feature to give users multi-device experience
- Implemented call pull scenarios between two or more devices
- Wrote unit test for windows UWP application

**Technologies Used:** C#, Xaml, UWP framework

### KhudeBarta

August 2015

[Project Link](#)

- An android app to send 7 bit Character Encoded compressed Bangla SMS for sending 56.25% more Bangla characters.

**Technologies Used:** Java, Android, Character Encoding

## Honor and Awards

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

## Volunteer Experience

### Event Coordinator

March 2017

National High School Programming Contest – NHSPC, Khulna, Bangladesh

### Organizer

May 2015

Intra KUET Olympiad of Mathematics, Khulna, Bangladesh

## References

### Dr. Kazi Md. Rokibul Alam

Professor

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

Email: [rokibcse@yahoo.com](mailto:rokibcse@yahoo.com)

### Debashis Maitra

Staff Engineer

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