



# M Shahir Rahman

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## PERSONAL DETAILS

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A versatile and enthusiastic CSE graduate with a commitment to and experience of developing innovative and creative developing solutions.

## EDUCATION

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**Military Institute of Science and Technology)**

**Computer Science and Engineering(CSE)**

2015-2019

*Bachelor of Science (B.Sc.)*

CGPA: 3.47/4.00

**Dhaka City College**

2012-13

*Higher Secondary School Certificate*

GPA: 5.00/5.00

**Monipur High School and College**

2011-12

*Secondary School Certificate*

GPA: 5.00/5.00

## Aim

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- Keep myself up to date with the new technologies to establish a strong career
- Use my knowledge in practical field that earned in my academic life

## Research Interests

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Augmented Reality, Database Management System, Artificial Intelligence

## SKILLS

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<i>Languages</i>	C++, C, Assembly 8086, Java, Laravel
<i>Software</i>	ANDROID STUDIO, MATLAB, BLENDER, UNITY 3D
<i>Database</i>	Firebase, Oracle, SQLite

## PROJECTS

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### Multi-Channel Approach Towards Digitizing the Land Management System of Bangladesh

*Technology/Tools: Laravel, Oracle*

A project to develop a digital database prototype with a target to transfer the paper-based land management system of Bangladesh to a digital system.

### Framework For Intelligent Agent To Manage Network Design And Maintenance

*Technology/Tools: Unity, Vuforia*

We are developing an android application which will help any server room maintenance operator to manage the servers. This will increase the effectiveness of the operator and reduce server-side errors.

### Digital Agriguide

*Technology/Tools: Android Studio, Firebase, Arduino Mega, NodeMCU*

Its an integrated hardware and software interface designed as a guide for farmer providing related informations like weather details, early flood warnings, land and irrigation information etc. It also provides remote control over farming equipments like pump, sluice gates etc.

### Book Your Meal

*Technology/Tools: Android Studio, Firebase*

Book Your Meal' is a Restaurant Reservation Android Application in Bangladeshi market which will allow its customers/clients to access and book restaurants of their choice prior visiting the place including the order of the foods if required.

### Helmet controlled Bike

*Technology/Tools: Atmega32 microcontroller, Accelerometer Sensors.*

This project is an Atmega32 micro-controller driven helmet that allows bikers to start his motorbike if he/she wears the helmet. This will increase the safety of the bikers and reduce the rate of accidents.

### The moment of truth: Albert Einstein

*Technology/Tools: Blender*

A graphics project that shows the conversation between Einstein and his friend Michele about the theory of relativity which proves that time is not absolute.

## RESEARCH WORKS

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### Multi-Channel Approach Towards Digitizing the Land Management System of Bangladesh

*Supervised by:*

*MD. Mahboob Karim, Professor, Department of CSE, MIST;*

*Sanjida Nasreen Tumpa, Lecturer, Department of CSE, MIST*

We worked on a digital database prototype with a target to transfer the paper-based land management system of Bangladesh to a digital system. The research paper was published in IEEE WIECON ECE 2018

### Framework For Intelligent Agent To Manage Network Design And Maintenance

*Supervised by:*

*Prof. Dr. Syed Akhter Hossain, Head, Department of Computer Science and Engineering, Daffodil International University;*

*Istiaque Ahmed, Lecturer, Department of CSE, Daffodil International University*

## EXPERIENCE

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Solution Art Limited

Industrial Training · 3 December, 2017 – 24 December, 2017

H: 1333 (2nd Floor) Avenue 02A, R 13 DOHS Mirpur, Dhaka 1216, Bangladesh

## Other Interests

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- Problem Solving
  - (Codeforces handle: shahir, max rating 1391, Pupil)
  - Reading (Novels, Fiction, Blogs)
- Travelling
- Watching Movies

## References

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- Github: <https://github.com/shahir099>
- Portfolio: <https://shahir099.github.io/>