



# 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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### Digital Agriguide

2019

*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.

Github Link: <https://github.com/shahir099/AgriculturalGuideNew>

### Book Your Meal

2017

*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.

Github Link: <https://github.com/shahir099/BookYourMealAndroid>

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

2018

*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.

### 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/>