



M. Shahir Rahman

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CAREER OBJECTIVE

To work for an organization that provides the opportunity to improve my skills and knowledge to grow along with the organization's objective. Highly motivated and eager to learn new technology. Has the ability to perform in group projects.

EDUCATION

Military Institute of Science and Technology

Passing Year: **2019**

Bachelor of Science (B.Sc.)

Computer Science and Engineering (CSE)

CGPA: 3.44/4.00

Dhaka City College

Passing Year: **2014**

Higher Secondary School Certificate

GPA: 5.00/5.00

Monipur High School and College

Passing Year: **2012**

Secondary School Certificate

GPA: 5.00/5.00

SKILLS & INTERESTS

Technical: C++, C, Java, Android, PHP, HTML5, CSS, Laravel, Firebase, Oracle.

Language: Bangla and English.

Interests: Problem Solving. (Codeforces handle: shahir. Max rating 1391, Pupil).

Learning new technical skills, playing cricket, football; watching movies, tv-series, playing pc games.

PROJECTS & EXPERIENCE

Digital Agriguide (2019)

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

- This project is an integrated hardware and software interface designed as a guide for farmers providing information such as weather details, early flood warnings, land, and irrigation information, etc.
- It also provides remote control facilities to a farmer over his farming equipment such as pumps and sluice gates.

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

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.

Book Your Meal (2017)

Technology/Tools: Android Studio, Firebase

- Book Your Meal is a Restaurant Reservation Android Application.
- This application allows its customers to access the restaurant's menu as well as book restaurants of their choice-prior and visiting the place including the order of the foods if required.

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

A Layered Framework For Virtual Guidance To Network Maintenance Based On Augmented Reality (AR) (2019)

Technology/Tools: Unity 3D, Vuforia

- We developed an android application which will help any server room maintenance operators to maintain and manage the servers with the help of Augmented Reality (AR).
- This will increase the effectiveness of server-side operations and reduce server-side errors.

Helmet controlled Bike (2018)

Technology/Tools: Atmega32 microcontroller, Accelerometer Sensors

- The project is a prototype of Atmega32 micro-controller driven helmet.
- The helmet allows bikers to start his motorbike only if he/she wears his helmet.
- This will increase the safety of the bikers and reduce the rate of accidents in our country.

The moment of truth: Albert Einstein (2019)

Technology/Tools: Blender

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

Solution Art Limited (2018)

Industrial Training: Worked on the Microsoft .NET framework.

RESEARCH WORKS

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.

A Layered Framework For Virtual Guidance To Network Maintenance Based On Augmented Reality (AR)

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

Istiaque Ahmed, Adjunct Lecturer, Department of CSE, Daffodil International University.

REFERENCES & LINK

Portfolio: <https://shahir099.github.io/>

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

Linkedin: www.linkedin.com/in/shahir-rahman-493019a9