



Ashikur Rahaman

Engineer, Billing & Revenue Dept.
at [Platinum Communications Limited](#)

A sister concern of Mango Group

&

Software Engineer
at [Mango CA](#)

AREA OF EXPERTISE

Web Development, Database Management, IOT, Digital Signature, Network Core and Billing Management, Asterisk Server Management

ABOUT ME

Passionate and dedicated with 2.5+ years of experience in software Development and Billing Engineering. Want to use my creative skills as a web developer and IOT enthusiast to solve the problems of the challenging world. I'll put my best effort to implement my skills to help the organization and enrich my knowledge in these fields to further my career.

COMMUNICATION SKILLS

English

Bengali

CONTACT ME

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github.com/Ashikur0

EDUCATION

- Bachelor in Science** [Computer Science & Engineering \(CSE\)](#)
CGPA: 3.15 out of 4.00 session: 2015-2019
United International University (UIU)
- Higher School Certificate** [Science](#)
GPA: 5.00 out of 5.00 session: 2012 - 2014
Govt. Ashek Mahmud College
- Secondary School Certificate** [Science](#)
GPA: 4.75 out of 5.00 session: 2010 - 2012
Shamgonj High School

KEY SKILLS

- Programming Languages:** C, PHP 7, Laravel 8, Java, JavaScript and Python.
- Web Technologies:** HTML 5, CSS 3, Bootstrap 4 & 5, AJAX, JQuery.
- Database:** MySQL, Firebase.
- Web Services:** Jersey (JAX-RS), Spring Boot, REST APIs.

APPLICATION TOOLS

- Version Controls:** GitHub, Bit Bucket and Source Tree.
- IDE:** Visual Studio Code, Visual Studio, Code Blocks, Eclipse, PyCharm, IDLE, Eclipse IDE
- Diagram Maker:** Proto.io, Draw.io, Creately, Mockup.
- Simulator:** Cisco Packet Tracer, Proteus 8, Code Vision AVR, logisim, Multisim, Circuit maker.
- Office Application:** Microsoft Office.

TECHNOLOGY

- Operating System:** Windows , Linux (Ubuntu ,Centos 7)
- Application Server:** Apache, Tomcat 9.

**Software Engineer (Mango CA)**

- Developed New Software for System Automation and Maintaining and up gradation of existing Software.
- Developed New Module and Maintain existing Module for Mango CA.
- Providing Training to Users on how to install and use a digital signature.
- Verifying new Application and Applicant information.
- Providing Technical support to Digital Signature users.

Engineer, Billing & Revenue Dept.**Platinum Communications LTD. (06-01-2020 to Continuing) A concern of Mango group**

- MySQL Database Maintaining and Management.
- Asterisk and Application Server Maintaining and Management.
- Call Details Record (CDR) automation and processing.
- Daily Platinum Calls Detail Record (CDR) Backup.
- Managing and Maintaining Carriers and IOS Port allocation on Soft Switch.
- I/O call managing and routing towards Carrier.
- New SIP peer and TG configuration and modification.
- Blocking, Unblocking Carrier and IOS's from Soft Switch.
- Soft Switch Internal network Monitoring and Carrier and IOS's complain handling and troubleshooting.
- Invoice (to carrier) generation for International Incoming Call in weekly basis.
- Dispute Analysis for International Outgoing Call in weekly basis.
- Revenue Sharing BTRC in monthly basis.
- Invoice to IOS for Outgoing Call in monthly basis.

PROFESSIONAL PROJECTS

- **Mango Remote PDF Signer** (url : <http://msigner.mangoca.com/>)
Tools: PHP 7, Java, MySQL, Jersey (JAX-RS) web Service, HTML, CSS, Bootstrap, JavaScript.
- **Platinum CDR Downloader (Desktop Application).**
Tools: Python, FTP Server, Asterisk Server.
- **Mango PDF Hash Signer (Desktop Application).**
Tools: Java.
- **Platinum Invoice Generator.**
Tools: HTML 5, CSS 3, Bootstrap 5, PHP & MySQL.
- **Merging Excel (Desktop Application)**
Tools: Python and Pandas

ACADEMIC PROJECTS AND ACHIVEMENTS

- **Capstone Project:** Towards IoT and ML Driven Cardiac Status Prediction System.
Tools: IoT devices such as Heart Rate Monitor, ECG Module, cholesterol, Blood Pressure etc.
- **Software and System Analysis and Design Project:** Boikhuji.com.
Tools: PHP 7, MySQL, JavaScript, Ajax, HTML and CSS.
- **Database Management System Project:** Car Parking System.
Tools: PHP 7, MySQL, HTML and CSS.
- **Computer Network Project:** Smart Irrigation System.
Tools: Developed using various IOT Devices and Sensors and Simulate in Cisco Packet Tracer.
- **Java Project:** Car Racing Game.
Tools: Java Swing and GUI.
- **Electronics Project:** FM Transmitter Circuit.
Tools: Developed using Various Sensors and IOS devices On Breadboard.

GitHub Link: https://github.com/Ashikur0/Academic_Project

Publications:

Md. Ittihad Uz Zaman, Shaira Tabassum, Md. Sabbir Ullah, **Ashikur Rahaman** and Samsun Nahar, "**Towards IoT and ML Driven Cardiac Status Prediction System**", 1st International Conference on Advances in Science, Engineering and Robotics Technology (**ICASERT-2019**) , Dhaka, Bangladesh, 2019.

Achievements:

- Won the **Second Price** in Electronics Project Show for the project titled "**FM Transmitter Circuit**" in 2016.

REFERENCES

Dr. A.K.M. Muzahidul Islam
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