

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



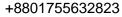
CONTACT ME



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github.com/Ashikur0

Bachelor Computer Science & Engineering (CSE) in Science

CGPA: 3.15 out of 4.00 session: 2015-2019

United International University (UIU)

Higher Science

School GPA: 5.00 out of 5.00 session: 2012 - 2014

Certificate Govt. Ashek Mahmud College

Secondary

Science

GPA: 4.75 out of 5.00 **School** session: 2010 - 2012

Shamgonj High School Certificate



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



- 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.

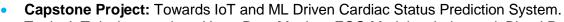
Platinum Invoice Generator.

Tools: HTML 5, CSS 3, Bootstrap 5, PHP & MySQL.

Merging Excel (Desktop Application)

Tools: Python and Pandas

ACADEMIC PROJECTS AND ACHIVEMENTS



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. Ittahad Uz Zaman, Shaira Tabassum, Md. Sabbir Ullah, **Ashikur Rahaman** and Samsun Nahar, "**Towards loT 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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