

MD.SHAHAJAHAN SHIRAJ

CONTACT ADDRESS

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Address: Dhanmondi-32, Dhaka.

Programming Skills:

- **Core Expertise:**
  - ✓ Laboratory Information System (LIS), Socket Programming (Analyzer to Host Communication)
- **Backend:** Java, Spring Boot, Spring, PHP, Python
- **Mobile Development:** Android Native (Java), Flutter
- **Frontend Technology:** JavaScript, HTML5, CSS3, TailwindCSS, Bootstrap
- **Databases:** Oracle, MySQL, PHP MyAdmin, SQLite, PostgreSQL, MongoDB
- **Tools**: Git/GitHub, Development Tools, AI Tool Integration

Curriculum Vitae

Professional Summary:

Experienced **Senior Software Developer with 6+ years of expertise** in healthcare automation and enterprise systems. Specialized in **LIS integration (analyzer-to-host)** and real-time **Socket Programming**. Proficient in **Java/Spring Boot, PHP, Native Android**, and scalable database design.

Professional Qualifications: IsDB-BISEW Diploma

- **Course: Enterprise Systems Analysis & Design with J2EE**
- **Institute:** IsDB-BISEW IT Scholarship Project (Round -40)
- **From: November- 2018 DEC - 2019 DEC**

Professional Work Experience:

- **Position**: **Senior Software Developer** | ExcellienceICT
- **Durations**: 2020 – Continue
- **Work: LIS (Laboratory Information System)** analyzer-to-host data communication **HL7, ASTM** protocols via **Socket Programming** (JAVA)
- Successfully designed, developed, and deployed **multiple production-ready websites using PHP**
- **Hospimate Mobile** applications Develop, optimizing and publishing on the Google Play Store. (JAVA)
- design database schemas in **MySQL and Oracle**

Projects:

- **Biometric Attendance Automation:** Developed a **Python** script to fetch real-time logs from **ZKTeco Attendance Machines** and automatically sync data into an **Oracle Database**.

- **Enterprise LIS Deployment:** Developed **Socket Programming** solutions for bidirectional analyzer-to-host communication. Deployed across **20+ top hospitals** including **BSMMU, icddr,b,** and Comilla Medical College Hospital, President Abdul Hamid Hospital.

Personal Information:

Name: Md. Shahajahan Shiraj
Father's Name: Shirajul Hoque
Mother's Name: Bibi Zohura

Permanent Address:
Senbagh, Noakhali.
Date of Birth: 01, August 1995
Religion: Islam
Blood Group: B+
Gender: Male
Marital Status: Single
Nationality: Bangladeshi
National Id No: 8656157164

I affirm that the information given here in his true and accurate to the best of my knowledge and belief.

Special Interest:

- Working: Like to work in a creative and health environment.
- Personal: Reading Books, Traveling & Playing Football Etc.

Web Sites (PHP & MySQL):

- ✓ BioTechServices: Official corporate portal for a leading hospital analyzer distributor (biotechservices-bd.com).
- ✓ **Hospital Web Portals:** Designed Develop and launched live websites for Bangladesh ENT Hospital, Fairlab Hospital, Barisal Medical College Hospital, Onushu Physiotherapy, Software company, Dr Portfolio

Mobile Applications (Android & TV):

- ✓ **Hospimate**: Complete hospital & pharmacy ERP app for live billing, collections, dues, and inventory. [Link]
- ✓ **MKT (Habib Hospital)**: Marketing app for field executives to book instant patient appointments. [Link]
- ✓ **Quemate**: Android TV & mobile-based smart queue system displaying real-time patient serials. [Link]

Academic Qualification:

Master of Business Administration (M.B.A):
- Institute Name: Noakhali Govt. College
- Department: Accounting
- University: National University
- Result: CGPA- 3.10 (Out of 4)
- Passing Year: 2019

Bachelor of Business Study (B.B.S):
- Institute Name: Chowmuhani Govt. S.A College
- Department: Accounting
- University: National University
- Result: CGPA- 2.98(Out of 4)
- Passing Year: 2016

Higher Secondary Certificate (H.S.C):
- Institute Name: Iqbal Memorial College
- Group: Commerce
- Result: 3.20(Out of 5)
- Board: Comilla
- Passing Year: 2013

Secondary School Certificate (S.S.C):
- Institute Name: Mohammedpur Ramandra Model High School
- Group: Commerce
- Result: 3.69(Out of 5)
- Board: Comilla
- Passing Year: 2011