

Curriculum Vitae

SHYED SHAHRIAR HOUSAINI

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Experienced Electro-Mechanical System Engineer with over 12 years of experience in Water production and Distribution networks and related utility sectors. Background in Mechanical engineering and Management. Currently working with a focus on Automation-Digitalization, Planning - Design, and Quality assurance. I want to build up my career in a prominent and progressive organization that can take full advantage of my comprehensive knowledge and skills and thus offers career growth opportunities through proven performance in my knowledge, skill, and effort in the practical field related to work. I have a deep interest and curiosity about Computer Systems, Web, Blockchain IoT/Low-level machine communication, DBMS etc.

EXPERIENCE

09/2017 – NOW

EXECUTIVE ENGINEER, WATER SUPPLY SEWERAGE AUTHORITY

1. Electrical & Mechanical Planning and Designing Works. Inspection & Testing for Quality assurance.
2. City Sanitation Improvement Project Works.
3. Sewer Line Network & Lifting / Pumping station Rehabilitation and Development Project Works.
4. Canals/ Waterway Excavation, Re-Excavation, and Other related development Project Works.
5. Planning, Tendering, Evaluating, Procurement, or Purchase for Electrical-Mechanical & Civil Public Works. Supervision, Inspection, and Management of Work-site and Office work.
6. Automation System Software, Database, and Web app quality assurance team Member.

07/2013 – 09/2017

SUB-DIVISIONAL ENGINEER, WATER SUPPLY SEWERAGE AUTHORITY

1. Urban Dredging Demonstration Project Works.
2. Drainage Network Operation and Maintenance Works.
3. Planning, Tendering, Evaluating, Procurement, or Purchase for Electrical-Mechanical & also Civil Public Works. Supervision and Management of Work-site and Office work.

10/2010 – 09/2013

ASSISTANT ENGINEER, WATER SUPPLY SEWERAGE AUTHORITY

1. Worked at Various Pumping /Lifting Stations of Canals and Many more Temporary/Mobile Pumping Facilities in Dhaka city under the Electrical and Mechanical division at Dhaka Drainage Network Operation and Maintenance division.
2. Planning, Tendering, Evaluating, Procurement, or Purchase for Electrical-Mechanical and Civil Public Works. Supervision and Management of Work-site and Office work.

EDUCATION

ONGOING.....Masters in CSE

MSc In Computer Science and Engineering, Stamford University Bangladesh.

DEC 2022

MBA IN ACCOUNTING INFORMATION SYSTEMS, UNIVERSITY OF DHAKA

DEC 2006

B.SC IN MECHANICAL ENGINEERING, From Military Institute of Science and Technology, University of Dhaka.

SKILLS

- Experienced in Planning, Online/ Electronic/ Paper Tendering methods, Evaluating, Procurement or Purchase, Quality control, and Testing.
- Management and Administration.
- Leading Office tasks and Site/Fieldwork.

- Knowledge of VFD, PLC, and SCADA systems.
- GIS and MIS systems.
- Managerial Accounting.
- Environment-friendly Solar Energy Projects Planning and Development.

- Expert with Windows & Android and also windows and android applications required for work.
- Superior written and verbal communication skills in the English language.
- Constantly learning New Things for Jobs at hand
- Focused on Sincerity, Ethics, and Honesty. • Familiar with Linux and CLI.
- Web Applications - Use and Development.
- C, C++, C#, Python.

- Algorithms and Data Structures.
 - SQL & Databases.
 - Ability to work individually or in a group.
 - Languages - 1. English (r/rw/sp).
 - 2. Bengali(r/rw/sp) and
 - 3. Arabic (r).
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ACTIVITIES

- Volunteer experiences/Open Source projects -Arctic Code Vault Contributor.
- Life Member of - IEB, Institute of Engineers Bangladesh.
- Interested in Eco-Friendly Technology, Application of New Technologies in a perfect way, Sci-Tech History and Sci-Tech News, Developing Client focused and User-friendly services, World News, Business, and Reading.
- Passions - Implement " Reduce -Reuse -Recycle" of resources at the Engineering and public work sector. Save time by developing faster applications.
- Extra Curricular Activities - Outdoor/Indoor Games.
- Publications -
- Certifications- 1. CS50 Harvard University, Cambridge, Massachusetts. Introduction to Computer Science.<https://certificates.cs50.io/6812dffe-33f1-42f2-967c-5e29a13e29ab.pdf>