

# MD. NAZMUL HOSSAIN

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## OBJECTIVE

To achieve a dynamic and bright career in a professional organization where I can use and enhance my skills, creativity and learning experiences to craft beautiful software that solve people's problems and specialize in software, web and mobile development that has business value and to contribute in the welfare of the institution.

## SKILLS

**Programming Language:** Python, C/C++, Arduino, Java, PHP, JavaScript, and Assembly.

**Web Technology:** Django, React, Django Rest Framework, HTML, CSS, JQuery, Bootstrap.

**Software Design:** MVC and MVT Pattern.

**Database Management:** MySQL, Json, PostgraySQL, SQLite, Fasta.

**Machine Learning Tools:** Scikit-learn, Keras, TensorFlow, Numpy, Pandas, Seaborn, Matplotlib, Pytorch.

**Process Automation:** Selenium in python, RPA, Python Beautiful Soup.

**DevOps Tool:** Familiarities with Git, GitHub, Docker, BitBucket.

**Language Proficiency:** Excellent Fluency in Spoken & Written in English and Bangla.

**Other Python Framework:** tkinter, pygame, wxpython, opencv, turtle, biopython, vaderSentiment.

**Networking:** Cisco Packet tracer; Creating different type of Networks (LAN, PAN), Socket programming in Python.

**Hardware:** Arduino Robotics and IOT system(Arduino, Bluetooth module, NodeMcu-ESP8266 Wi-Fi, GSM SIM900A) Different type Sensor, Display and Modules (OLED, LCD, Matrix display, DHT11, RTC Different type Protocol system (OS,UART,i2C,SPI) Microcontroller and Embedded system.

## COMPETITIVE PROBLEM SOLVING

As a competitive programmer. Many types of problem from different Online Judge are solved by me. Here are some online judge website and my user name.

<u>Website</u>	<u>Username</u>
<a href="https://leetcode.com/">https://leetcode.com/</a>	MdNazmulHossain
<a href="https://www.hackerrank.com/dashboar">https://www.hackerrank.com/dashboar</a>	nazmul_cse_pust
<a href="https://uva.onlinejudge.org/">https://uva.onlinejudge.org/</a>	nazmul.cse.pust
<a href="http://www.lightoj.com">http://www.lightoj.com</a>	nazmul.cse.pust@gmail.com
<a href="https://codeforces.com/">https://codeforces.com/</a>	mn-9

## PROFESSIONAL EXPERIENCE

**From** march 2020 **Current working:** Software Engineer(RPA) at FernTech Solutions Pvt. Ltd.  
**Website:** <https://www.ferntechsolutions.com>

**Company:** Solution Service Pvt. Ltd. **Website:** <https://www.sslbd.net/>  
**Position:** IT Trainer **Working Area:** She power project (ICT Division BD) **Duration:** 7 months.

## THESIS

**Title:** Prediction protein function and functional annotation based on recurrent neural network  
**Supervisor:** Md. Khaled Ben Islam  
**Email:** [mdkhaledben@gmail.com](mailto:mdkhaledben@gmail.com)

## PERSONAL PROJECTS

**Desktop Application:** Different small desktop application  
[Link: <https://github.com/MdNazmul9/10-minute-app>]

**Web Application (live):**

- (i) **Newspaper** [Link: <https://boiling-island-11646.herokuapp.com/>]
- (ii) Django **Blog Project** (Python, Django, React) [ Link: <https://mb-app-heroku.herokuapp.com> ]
- (iii) Django **eCommerce** site Link: <https://github.com/MdNazmul9/dango-ecommerce>
- (iv) **eLibrary** [Link: <https://pure-shore-89606.herokuapp.com> ]

**Embedded System** (Hardware and software interfacing): Voice Control Floor Cleaner Robot.  
[Link: <https://www.youtube.com/watch?v=gbabvuMND9c> ]

## TRAINING

❖ **Complete Python Bootcamp: Go from Zero to Hero in Python 3**

**Institute:** Udemy.com **Duration:** 24 Hours.

**Focus:** Python Basic to Advance

**Link:** <https://www.udemy.com/course/complete-python-bootcamp/>

**Arduino and Robotics Training.** Bangladesh Hi-Tech Park Authority (BHTPA)

## ACADEMIC

- ❖ B.Sc. Engineering in **Computer Science and Engineering**
  - Institution: **Pabna University of Science and Technology**
  - CGPA: Appeared
  - Passing Year: 2020
- ❖ H.S.C in **Science**
  - Institution: Mohanpur Government College
  - GPA: **4.80** (out of 5.00)
  - Passing Year: 2014
- ❖ Dakhil in **Science**
  - Institution: Rakhitpara Dakhil Madrasah
  - GPA: 5.00 (out of 5.00)
  - Passing Year: 2012

## REFERENCE

**Md. Khaled Ben Islam**

Assistant Professor

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