

Resume of

IKBAL HOSSAIN NAYEM

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Website: <https://ikbal-nayem.github.io/portfolio>



Objective

Python backend and ReactJS Frontend developer committed to creating applications with edge technical skills and up-to-date programming knowledge. Has more than four years of programming experience, online problem-solving experience, a better understanding of data structure and algorithms. Has the ability to quickly learn a Technology.

TECHNICAL SKILLS

- **Programming Languages/Technologies:** JavaScript, Python3, C, C++, C#
- **Web Technologies:** ReactJS, Redux, Material-UI, JavaScript, Bootstrap, jQuery, Ajax, HTML5, GitHub
- **Frameworks:** ReactJS, NodeJS, React Native, Django, django_restframework
- **Database:** MySQL, MongoDB, SQLite3, NoSQL (Firebase)
- **Development tools:** VS Code, Sublime-Text, Pycharm
- **Configuration Management tools:** Docker, GitHub, Git
- **Operating System:** Kali Linux, Windows 10

Professional Experience

Junior ReactJS Developer,

Nice Power And IT Solution Ltd. - (August 2020 - Present)

- Collaborate with team members to determine best practices and client requirements for a software
- Implemented **ReactJS** code to handle cross browser compatibility issues in Mozilla, IE 7, 8, 9, Safari
- Design, develop and test **HTML5, CSS3, Bootstrap, JavaScript, jQuery** and **ReactJS** that meets accessibility and web browser standards
- Worked with backend engineers to optimize existing **API** calls to create efficiencies by deprecating unneeded API calls.
- Designing **MySQL** database relation for some management system and POS system
- Modifying existing software to fix errors, adapt it to new hardware, improve its performance, or upgrade interfaces
- Developing and implementing highly-responsive user interface components using **React component**
- Worked with three complete projects where one project is live

Work Experience

Personal projects,

Smart-School:

- A complete school management system (Under procession)
- Extra features: Electronic attendance system, Result publishing, Student performance, etc.
- For this project, I used **Django, django_rest_framework, ReactJS, and Material-UI**
- GitHub link: <https://github.com/ikbal-nayem/smart-school> (Backend)
- Front-end: <https://smart-school-3bdcf.firebaseio.com/student>

Desktop Security:

- The application can **control a computer using Facebook Messenger**. A messenger bot passes user commands to the application and the application takes care of the command in the background
- Written in **python3** and libraries are tkinter, pyautogui, multiprocessing, bs4. Messenger bot webhook was written in **python-flask** which is deployed in **Heroku**
- Firebase is responsible for making bridge connections between pc-client and Facebook Messenger.
- Application link: <https://sourceforge.net/projects/desktop-security/>

Class captain:

- A messenger bot which notifies all students in a class about class notes, assignments, class test, etc.
- The webhook was written in **flask**, **MySQL** database is used for storing student information
- Bot link: <https://www.messenger.com/t/107595967464218>

CSE Results:

- Web application for results management system
- Written in python **Flask** web-framework, **HTML, CSS/Bootstrap, JS/jQuery**
- MySQL database is used for storing data and information, Firebase was used for the admin authentication system.
- Weblink: <http://iku.pythonanywhere.com/>
- GitHub link: https://github.com/ikbal-nayem/cse_results

Education

Bachelor of Science (B.Sc.)

Institute : Tejgaon College, Dhaka
University : National University
Subject : Computer Science and Engineering
Session : 2016-2017

Higher Secondary Certificate (H.S.C)

Institution : Jatir Janak Bangabandhu Sheikh Mujibar Rahman Govt. College, Uttara, Dhaka
Group : Science
Board : Dhaka
Result : GPA-5.00 (Out of 5.00)
Passing Year : 2016

Secondary School Certificate (S.S.C)

Institution : Faidabad Azgarul Ullum Alim Madrasha
Group : Science
Board : Madrasah
Result : GPA-5.00 (Out of 5.00)
Passing Year : 2014