Mohammad Zahirul Islam

My professional expertise lies in web based technology and embedded systems. My path as a Back-End developer has led me to a focus in PHP and Java. I've designed web and mobile app solutions driving continuous improvement to processes, system workflow and customer responsiveness.

Education

2014-2018

BSc in Computer Science & Engineering
BRAC University
- Relevant courses: Circuit & Electronics, Digital System Design, Cloud Computing, Software Engineering.
- Thesis: Self Driving Car: A Step to the Future of Mobility (grade: 4/4)
- GPA: 3.00/4

2011-2012

Higher Secondary Certificate
Chittagong Cantonment Public College
-Science; GPA: 5.00/5

2009-2010

Secondary School Certificate
Shaheed Lt G M Mushfique BirUttam High School
-Science; GPA: 5.00/5

Work Experiences

March 2020-Present

Software Engineer
Embedded Logic Operations (ELO)
-Backend developer: Restful API.
- Design, develop, troubleshoot, debug, test, and ensure api compatibility.
- Writing clean and maintainable code.

Dec 2018-Dec 2019

Research Assistant
BRAC University
-Execute research and development on rescue robot.
-Mange volunteer student group.
-Assist students to design, implement, deploy and test rescuebots.

Oct 2017-Dec 2017

Web developer
ICTechBD
-Design and build website from scratch.
-Hardware device api integration.

INFO

Date of Birth: 25 Jun 1994
Address: Ta-51/1, Middle Badda, Dhaka-1212.
Mobile: 01799900050
Email: md.zahir25@gmail.com
LinkedIn Profile: Profile
Github Profile: Profile
Website: My Webpage

SKILLS

Programming Languages: PHP, Sql, Java, Python, C#, Familiar with JavaScript, Ajax and jQuery.

Framework & Tools: Codeigniter, Laravel, Nodejs, Expressjs, Nestjs, Arduino, Raspberry Pi, Proteus, Android, PyQt5.

Server & Database: Proficient with Apache and MySQL/MariaDB.

Version Control: Git & Github.

Others: PCB Design & Simulation, SketchUp: 3D modeling.

HIGHLIGHTS

- Web Application
- 3D Design & animation
- Microcontroller based system
- Circuit Design
- Responsive Graphical User Interface (GUI)
- Internet of Things (IoT)

LANGUAGE
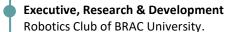
Bengali, English

Extracurricular Activities

Jun 2017-May 2018 • **Team Lead, BRACU Mongol-Tori**
BRAC University Mars Rover Development Team
-Managed team of 29 Students
-Secured 13th in University Rover Challenge, URC 2018 held in Utah, USA.

Sep 2015-Aug 2016 • **Executive, Research & Development**
Robotics Club of BRAC University.

Projects & Research

➢ BRACU Mongol-Tori Control Software

    o *Next generation mars rover.*
    o *Stand-alone, off-the-grid, mobile platform robot.*

➢ Web based Biometric Attendance System Development.

➢ Safety Watch Embedded Device with Android Application.

➢ Hand Gesture Detection for dumb and deaf using image processing.

References

Dr. Md. Khalilur Rhaman
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