MD ABU BAKAR SIDDIQUE

25/1 Jigatola, Dhaka-1209, Bangladesh
Cell: (+880)1521494162
E-mail: absiddique0609@gmail.com

Education

BSc in Software Engineering   Jan 2014 - Dec 2017
CGPA 3.81 on a scale of 4.00
Institute of Information Technology, University of Dhaka, Bangladesh

Work Experience

- **Bangladesh Rural Electrification Board (Assistant Director)**   April 2019 – Present

    - Designing, developing and maintaining Enterprise Resource Planning (ERP) solutions to optimize business processes and enhance efficiency within the organization.
    - Designing and implementing solutions to enable and maintain a paperless office environment.

- **IBCS-PRIMAX Software (Bangladesh) Ltd. (Intern)**   Jan 2017 – June 2017

    - Actively engaged in the full life cycle of multiple software projects, prominently contributed to the implementation of the World Bank's Income Support Program for the Poorest (ISPP). My role encompassed requirement analysis, design, coding and collaboration within agile cross-functional teams to deliver robust solutions for the project.

Academic Projects

- **School of Programming (2017)** – A web application using Grails framework to provide tutorials of different programming and web development languages. It was intended for users to go through the content to learn them & participate in quiz.

- **Defected Device Management System for IIT (2016)** - An automated System using MVC framework to facilitate technical issue resolution and optimize device management for enhanced efficiency at IIT, DU.

- **Home Budget Management (2015)** – An android based application to track and manage monthly income and expenses for better financial control and planning.

Research Interests

- Human-Computer Interaction
- User Experience Design
- Human Systems Engineering
- Social Computing
- Data Analysis
- Machine Learning

Technical Skills

Programming Languages: C, C++, Java, R, Python, JavaScript, HTML5, CSS
Tools: IntelliJ Idea, Visual Studio 2015, Eclipse, Android Studio
Frameworks: Django, MVC, Bootstrap
OS: Windows, Linux

Achievements

- Awarded as the best presenter for effectively communicating complex ERP concepts and project updates to stakeholders (2023).

- Received recognition for introducing innovative energy conservation initiatives that led to reduced energy consumption and environmental impact (2022).

- University of Dhaka Merit Scholarship (2014-2017).

- High School Merit Scholarship (2012) - Awarded by Government of Bangladesh.

Selected Undergraduate Courses

- Software Design and Analysis
- Theory of Computing
- Computer Networking
- Design Patterns
- Artificial Intelligence
- Applied Data Science

Training & Workshop

- Successfully undertook specialized training program on 'Big Data Analytics in Power Distribution System' offered by Bangladesh Rural Electrification Board in 2023.

- Effectively participated in workshop on Enterprise Resource Planning (ERP) software provided by Techvision Limited in 2022.

- Actively engaged in a valuable 'Digital Marketing' training offered by the esteemed Bangladesh Power Management Institute in 2022.

- Successfully completed comprehensive training program on 'Strategic HR Management and Planning' offered by Bangladesh Institute of Management in 2021.

Extra-Curricular Activities

- Founding member of IIT Software Engineers Community

- Member of BREB Sports, Culture & Welfare Committee

- Member of "Badhan-a voluntary blood donors' organization", Dhaka University Unit