MD KAMRUL HASAN

Software Engineer

Mirpur-10, Dhaka-1216, Bangladesh.
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CAREER OBJECTIVE

As an experienced software developer with a strong foundation in technical knowledge and coding skills, my objective is to contribute my expertise in web application development, specifically in C#, .NET programming, Java Spring Boot Framework, React, and AngularJS. With 4 years of tailored experience in these areas, I have gained in-depth technical knowledge and proficiency. I am particularly interested in leveraging my skills in the development of Micro Credit/Micro Finance Software, ERP solutions, GIS, and open-source software. By implementing my innovative ideas, skills, and creativity, I aim to successfully accomplish projects in these domains and make a meaningful impact.

TECHNICAL SKILL

WEB: HTML5, CSS, JavaScript, Bootstrap, React, AngularJS, and Jinja Template.
PROGRAMMING SKILLS: C#, Java.
FRAMEWORKS: .Net, Spring boot 2.
DATABASE: MSSQL, PostgreSQL.
ENTERPRISE SYSTEMS: Enterprise Resource Planning (ERPs like ERPNext) HR module.
PRODUCTIVITY: Slack, Rocket Chat, Open-Project, Jira, and Confluence (Atlassian).
IDEs: Visual Studio, Spring Tool Suite, PyCharm.
OS: Windows and Linux.

JOB RESPONSIBILITIES

- Implementing SDLC policies and procedures to ensure efficient software development processes.
- Utilizing object-oriented design principles to write clean and maintainable code, as well as debugging applications when issues arise.
- Participating in daily scrum meetings and following an Agile methodology for effective project management.
- Utilizing .NET, .NET Core, LINQ, REST API, and Microservices to develop software solutions.

- Implementing transaction scope techniques to improve performance and optimize API services in dot net.
- Applying Spring, Spring Boot, Hibernate, REST API, and Microservices for application development.
- Developing and managing APIs such as KYC (Know Your Customer) and GIS (Geographic Information System).
- Implementing caching techniques to improve performance and optimize API services in Spring Boot.
- Engaging in database development activities, including creating Stored Procedures, Functions, Triggers, and Views.
- Proficiently working with version control systems like GitHub, GitLab.
- Analyzing customer requirements and designing solutions within the HR module of an ERP system.
- Integrating software with existing systems, such as RFID attendance devices (ZKTeco).
- Utilizing Grafana dashboard tools for analyzing and visualizing database reports.
- Generating print reports using the Jinja template engine.

EXPERIENCE

ASA - Bangladesh, Shyamoli — *Assistant Software Engineer*

October 2021 - PRESENT

- **PROJECT NAME: ASA Microfinance Management System Web.**
  TECHNOLOGY USED: C#, .Net core, MSSQL. **MODULE:** Program Module.
  SERVICE: Feature implement and Issue solving. **ROLE:** Developer.
- **PROJECT NAME: Motor Loan Management System.**
  TECHNOLOGY USED: C#, .Net, MSSQL. **ROLE:** Developer.
  SERVICE: Develop and implement microservices REST API using .Net 5.

CTrends Software & Service Ltd, Niketan — *Java Programmer*

January 2021 - September 2021

- **PROJECT NAME: PATROL MONITORING.**
  TECHNOLOGY USED: Java, Spring boot, PostgreSQL. **ROLE:** Developer.
  SERVICE: Develop and Manage microservices REST API using Spring boot.

- **PROJECT NAME: THE CITIZEN.**
  TECHNOLOGY USED: Java, Spring boot, PostgreSQL and React. **ROLE:** Developer.
  SERVICE: Develop and Manage microservices REST API using Spring boot.

naztech Technologies Inc. Ltd, Banani — *Junior Software Developer*

February 2019 - December 2020

- **PROJECT NAME: ERPNext Solutions.**
  TECHNOLOGY USED: Python, Frappe, Frappe JS, MySQL, Bootstrap 3, Jinja2.
  SERVICE: HR & Payroll, Employee Profile, Manual Attendance, Client Visit Attendance, Biometric Attendance, shifting wise Attendance, Late - early out Count, Holiday, Leave Apply and approver, Leave Policy, Leave Allocation, Yearly

Auto Leave Allocation, Salary Component, Salary Structure, Additional Salary, Tax calculation, Make all Reports with printing and pdf format.
ROLE: Designer & Developer.

- **PROJECT NAME: JOB HARVEST.**
  TECHNOLOGY USED: Java, Spring Boot, MSSQL, Selenium, HTML Unit and React.
  ROLE: Developer. **SERVICE:** Scraping the job website and storing it in the database.

EDUCATION

Bachelor of Science in Computer Science and Engineering from East West University, CGPA: 2.64, Duration: 2014-2018. **Higher Secondary Certificate** from BCIC college, GPA: 4.70, Duration: 2011-2013. **Secondary School Certificate** from Mirpur Govt. High School, GPA: 4.69, Duration: 2009-2011.

TRAINING

Top-up IT Training in **Application Development Dot Net** at Leveraging ICT for Growth, Employment, and Governance (**LICT**) Project of Bangladesh Computer Council (BCC), Time Duration: 4 months, Course Cover: C#, SQL, Asp.Net.
SEIP Training in **Web Develop PHP** at BASIS Institute of Technology & Management **(BITM)**, Time Duration: 4 months, Course Cover: PHP, MySQL, HTML, CSS.

PERSONAL INFORMATION

Father's name: Late Abul Kasem
Mother's name: Hazera Begum
Religion: Islam
Marital status: Unmarried
Nationality: Bangladeshi
Blood Group: O+
NID: 370 603 8407

REFERENCE

1. Name: Md. Shariful Islam
   Designation: Backend Developer.
   Company: Green Delta Insurance.
   Mobile: +8801969037346.
   Email: shaarifulz@gmail.com

2. Name: Md. Imamul Hossain
   Designation: Senior Software Engineer.
   Mobile: +8801923080348.
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DECLARATION OF AUTHENTICITY

I, the undersigned, certify that, to the best of my knowledge and belief, this resume correctly describes my qualifications and myself.

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        Md Kamrul Hasan