

Resume Of

Md. Tauhid Al Hasan

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Career Objective :

Seeking a dynamic role in a technology-driven environment that presents challenging opportunities for problem-solving and innovation. With a solid foundation in software development and a proven track record of leveraging analytical and technical skills, I aim to transition into a position where I can effectively contribute to achieving company objectives and drive organizational growth. Eager to embrace new technologies and take on increased responsibilities to propel both personal and professional development.

Areas of Specialization :

- **Operating Systems:** Proficient in Windows, Ubuntu, and Linux environments.
- **Web Engineering:** Skilled in Front-end frameworks (e.g., Vue.js, React etc.), HTML5, CSS3, JavaScript (ES6+), TypeScript, Responsive Web Design, Bootstrap, Web Animation, jQuery, Back-end frameworks (e.g. Laravel, dJango etc.), PHP (Object-Oriented Programming), Python, Ajax, JSON, MySQL, SQL, RESTful APIs, Version control systems (e.g., Git), cPanel, Linux Server, ECS server, AWS server, Web security best practices, Performance optimization techniques, Cross-browser compatibility testing, User interface (UI) design principles, User experience (UX) design principles.
- **Microsoft Office:** Experienced with MS Word, MS Excel, and MS PowerPoint.

Educational Background :

- **Honors/Bachelor of Science (BSc) in Computer Science & Engineering (CSE)**
Shanto Mariam University of Creative Technology, Duration: 2018 – 2022
 - ❖ CGPA: 3.89 out of 4.00
 - ❖ Activities: Computer Club, Programming Club, Debate Team, Cricket Team.
- **Diploma in Computer Science & Engineering**
Institute of Communication and Technology, Duration: 2013 – 2017
 - ❖ CGPA: 3.43 out of 4.00
- **Secondary School Certificate (SSC) in Science**
Nawab Habibullah Model School & College, Duration: 2010 – 2011
 - ❖ CGPA: 4.31 out of 5.00

Job Experience :

- **Software Engineer - SEBPO - Abdul Monem Ltd. (111, Bir Uttom C. R. Dutta Road, Sonargaon Road, Dhaka 1205)**

Time period : September 2021 – Present

Responsibilities:

- Gather requirements from various organizations within the Bangladesh government.
- Design database schemas, ensuring compatibility with the specific needs and demands of each organization.
- Develop frontend and backend components of web applications, adhering to industry best practices and government standards.
- Collaborate with stakeholders to understand their needs and provide technical solutions that meet or exceed expectations.
- Follow up with clients to ensure smooth implementation and integration of developed applications, providing support and troubleshooting as needed.
- Handle modification and feature development requests, incorporating feedback and iterating on solutions to improve functionality and usability.
- Maintain documentation for all development processes and project milestones, ensuring transparency and accountability.
- Stay updated on emerging technologies, tools, and trends in software development, applying new knowledge to enhance project outcomes and efficiency.

- **Lead Web Developer and Trainer - Softlooper IT (Sector 10, Kamarpara Bus Stop, Uttara, Dhaka)**

Time period : January 2020 – January 2021

Responsibilities:

- Led a team of developers in the design, development, and implementation of various management systems tailored to the specific needs of different organizations.
- Collaborated with clients to gather requirements, identify project goals, and propose technical solutions that align with business objectives.
- Designed and developed scalable and efficient web applications, ensuring adherence to coding standards, best practices, and industry regulations.
- Provided technical guidance and mentorship to junior developers, fostering skill development and ensuring project success.
- Conducted training sessions on web design and development, imparting knowledge and practical skills to a diverse group of learners.
- Created and delivered educational materials, including presentations, tutorials, and hands-on exercises, to facilitate effective learning experiences.
- Maintained a collaborative and supportive learning environment, encouraging participation and fostering a culture of continuous improvement.

- **Senior PHP Programmer and Trainer - Dhaka Solutions** (*Sector 7, BNS Center, Uttara, Dhaka*)
Time period : *March 2019 – January 2020*
Responsibilities:
 - Similar to Lead Web Developer and Trainer role at Softlooper IT (January 2020 – January 2021).
- **Data Analyst - Digital Agency Nordic** (*Sector 5, Uttara, Dhaka*)
Time period : *September 2018 – January 2019*
Responsibilities:
 - Identified and verified business leads through extensive online research using search engines, social media, and yellow pages.
 - Ensured data accuracy and reliability by cross-checking and validating collected information.
 - Contributed to the development of data verification processes and quality control measures.
 - Collaborated with team members to streamline data collection procedures and improve efficiency.
- **Freelance Web Designer and Developer - Fiverr, Upwork**
Time period : *December 2018 – January 2021*
Responsibilities:
 - Successfully bid on and won projects by providing compelling technical proposals to clients from various countries.
 - Acted as a one-person team to complete end-to-end project development, including design, development, deployment on live servers, and post-launch support.
 - Demonstrated versatility and adaptability by working on a wide range of projects with varying requirements and timelines.
 - Maintained open communication with clients throughout the project lifecycle, ensuring their satisfaction and addressing any concerns or modification requests promptly.
 - Delivered high-quality, user-friendly websites and web applications that met or exceeded client expectations.

Languages :

Bengali : Native proficiency

English : Full professional proficiency

Skill summary :

- ✓ Proficient in leveraging communication skills to foster teamwork and collaboration.
- ✓ Skilled in organizing and facilitating group activities to enhance team cohesion and productivity.
- ✓ Effective leader capable of delegating tasks and guiding team members to achieve company objectives.
- ✓ Demonstrated ability to quickly grasp new concepts and adapt to changing environments.

Projects :

Government Organization Projects:

- ❖ **Project Name:** Cybercrime Reporting & Management System (CRMS)
Organization Name: Bangladesh Telecommunication Regulatory Commission (BTRC)
 - Developed the Cybercrime Reporting & Management System (CRMS) in collaboration with the Bangladesh Telecommunication Regulatory Commission (BTRC) to streamline the reporting and management of cybercrime incidents in Bangladesh.
 - The system allows users to report cybercrime incidents, track their status, and generate various types of visual and text-based reports for analysis.
 - Implemented robust security measures to safeguard sensitive data and ensure compliance with regulatory requirements.
 - Designed a user-friendly interface with intuitive navigation and seamless user experience with a mobile friendly view.
 - Leveraged MySQL for efficient data storage and retrieval, enabling quick access to critical information.
 - Enhanced the system with features such as bulk data upload and download capabilities to facilitate data management tasks.
 - Successfully deployed the system on a Linux-based ECS server for optimal performance and reliability in a production environment.
- ❖ **Project Name:** Digital Census Data Monitoring and Sales (DCDMS)
Organization Name: Bangladesh Bureau of Statistics (BBS)
 - Developed digital census data monitoring and sales software for BBS to facilitate nationwide agricultural surveys with dynamic forms generate systems.

- Enables farmers to participate in surveys, providing detailed farming information such as crop usage, land utilization, costs, labor etc.
- Supports generation of various forms and reports, allowing users to analyze survey data and filter results as needed.
- Includes features for online purchase of BBS publications and management of the organization's library by authorized personnel.
- Incorporates multiple user roles and permissions, enabling efficient decision-making and data management processes.
- Implemented data validation and correction mechanisms, allowing users to revert data to previous states if necessary.

❖ **Project Name:** Education Management System

Organization Name: Bangladesh Agricultural University (BAU) and Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU)

Funded: World Bank

- Centralizes management of educational data, including admission, student records, attendances, resource sharing, exams, results, tuition fees etc.
- Features comprehensive university management functionalities.
- Facilitates efficient administration of educational institutions, enhancing productivity and decision-making capabilities.
- Supported by robust security measures to safeguard sensitive data and ensure compliance with regulatory requirements.
- Designed to streamline administrative processes, improve transparency, and promote effective resource utilization in agricultural education.

❖ **Project Name:** Digital Land Survey with Integrated Map (DLS)

Organization Name: Bangladesh Bureau of Statistics (BBS)

- Developed a Digital Land Survey with Integrated Map application for the Bangladesh Bureau of Statistics (BBS) to modernize land surveying processes.
- Empowers users to create points, polygons, and other shapes on an integrated map, capturing detailed information about geographic features such as ponds, rivers, agricultural fields, educational institutions, financial institutions, and industrial facilities.
- Enhances data accuracy and accessibility, enabling real-time updates to the map with precise location-based information.
- Provides comprehensive reports on land usage, construction growth, and other spatial analyses, leveraging Geographic Information System (GIS) technology.
- Facilitates informed decision-making in urban planning, resource allocation, and infrastructure development through spatial data visualization and analysis.

- Supports BBS in fulfilling its mandate of collecting and disseminating accurate geographic and demographic data for informed policy formulation and development planning.

❖ **Project Name:** Digital Monitoring & Reporting System (DMRS)

Organization Name: Department of Agricultural Extension (DAE)

- Developed DMRS for DAE to input and monitor plant-based data including growth, water/nutrient usage, fruit production, and overall condition.
- Facilitates tracking and analysis of experiments on non-native plants and trees, aiding in decision-making and reporting.
- Enables generation of comprehensive reports and analysis to assess experiment outcomes and inform future actions.
- Designed to streamline data management, enhance efficiency, and support informed decision-making in agricultural research and extension activities.

"Additionally, I have completed numerous other Government and Non-Government projects spanning various domains and technologies. Please feel free to inquire for further details."

Personal details :

Father's Name	: Farid Uddin Ahmed
Mother's Name	: Mrs. Nasima Begum
Date of Birth	: 07 January, 1996
Marital Status	: Married
Religion	: Islam
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Reference :

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