MD SHAHADAT HOSSAN

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PROFILE

Highly proficient **Full-Stack Engineer** with around **5 years** of professional development experience building highly interactive, efficient, and unique applications using **Angular, JavaScript, SQL, .net Core** and with excellent problem-solving experience. Now looking for the next rewarding opportunity to make a successful impact on a client's business.

Running Project Decription

Project Name: **Gaments ERP**

Project Link:(https://garmentserp-62a7a.web.app/)

Demo Login:

    User Name:Yan

    Password:12

Completed Module Name: ERP Module Implementation - Merchandizing, Commercial, Inventory, Library, Admin

Duration: October 2019 – **Continuing**

Project Overview:

Successfully led the implementation and customization of five key modules within the **ERP** system, encompassing Merchandizing, Commercial, Inventory, Library, and Admin functionalities. Each module was tailored to the specific needs of the organization to optimize processes, enhance data management, and streamline operations.

Module Descriptions:

1.Merchandiing Module:

Revamped the merchandizing process by implementing an intuitive module that facilitated efficient product cataloging, order tracking, and supplier collaboration. Automated order creation and status tracking led to improved order fulfillment accuracy and reduced lead times.

2.Commercial Module:

Customized the Commercial module to integrate sales, procurement, and financial data, enabling seamless order-to-cash and procure-to-pay workflows. This resulted in enhanced financial visibility, reduced manual data entry, and accelerated decision-making.

3.Inventory Module:

Transformed inventory management by implementing a comprehensive Inventory module that enabled real-time tracking, optimized stock levels, and automated reorder points. Integrated barcode scanning technology improved accuracy and expedited stocktaking processes.

4.Library Module:

Introduced the Library module to efficiently manage digital and physical assets, including documents, images, and resources. Customized workflows allowed for easy categorization, retrieval, and sharing of critical assets across the organization.

5.Admin Module:

Configured the Admin module to centralize administrative tasks, user management, and system configuration. Enhanced security measures were implemented, ensuring restricted access based on roles and responsibilities, bolstering data integrity.

Role:

As the lead ERP consultant, managed the entire project lifecycle, including requirement analysis, solution design, configuration, testing,coding training, and post-implementation support. Collaborated closely with cross-functional teams to ensure alignment with business needs and smooth module adoption.

Challenges and Solutions:

Overcame challenges such as data migration complexities and process reengineering requirements. Addressed data migration challenges through meticulous data cleansing and validation processes. Process reengineering was tackled by conducting thorough workshops to align module functionalities with existing processes.

Impact:

- Reduced order processing time by 30% through the integration of Merchandizing and Commercial modules, streamlining order creation, approval, and fulfillment.
- Improved inventory turnover by 20% with the Inventory module's real-time tracking, optimizing stock levels, and reducing excess inventory.
- Enhanced document retrieval efficiency by 25% through the Library module, resulting in quicker decision-making and improved collaboration.
- Strengthened data security and access control by implementing role-based restrictions in the Admin module, mitigating potential data breaches.

Collaboration and Coordination:

Collaborated extensively with stakeholders, including department heads, IT teams, and external consultants. Conducted workshops and training sessions to ensure seamless adoption and optimal utilization of the ERP system's modules.

Skills Gained:

Developed advanced skills in ERP module customization, project management, requirement analysis, process optimization, and cross-functional collaboration. Acquired a deep understanding of industry-specific challenges and solutions within the Merchandizing, Commercial, Inventory, Library, and Admin domains.

Future Endeavors:

Excited to leverage the comprehensive experience gained in implementing these diverse ERP modules to drive operational excellence, streamline processes, and achieve strategic business goals in future projects and roles.

Tailor this description according to the specific job you're applying for, highlighting the aspects that align with the job requirements and demonstrate your expertise.

ACHIEVEMENTS

- Successfully implement the **Garments ERP Software** with **5** modules **(Merchandizing, Commercial, Inventory, Library, Admin)** for all garments in Bangladesh as a result garments staff easily maintain their garments. Successfully leading .net core web backend API team (using Angular8,.net Core Web API, MSSQL, Microsoft RDLC Repoting Tool)

- Successfully implement the **HR&PayRoll** Software as a result Software users easily generate their company salary sheet (using Angular8,.net Core Web API, MSSQL, Microsoft RDLC Repoting Tool)

- Successfully implement the **POS** Software as a result shopkeepers easily manage their shop (Using Angular, firebase)

- Participated in connecting startups Bangladesh events 2016 and led the team. This helps the team gain knowledge about the Java and the web application around java platform

- Helped Synergy Inc. Bangladesh transform from paper-based task to IT solution by developing HRMS, Parole, Warehouse Management system, Yearly budget management system, Job the advance management system. And help the company to grow company profits by more than 10% faster than before.

- Helped Information strategy and technology (IST) transform from startup to scale-up by integrating industry standards code quality, testing, QA, deployment, and performance and developing microservices, and modules that improved the company business and made the company more customer-focused.

STRONG SKILL
- Angular8, .Net Core Web API, MSSQL, Microsoft RDLC Repotting Tool, Store Procedure
- JavaScript(ES6), Reacts, Typescript, Lodash, JQuery, Styled Component HTML5, CSS3, Bootstrap, sass
- MySQL, SQL, SQLite, MongoDB
- Java Concurrency, Multi-threading, Collection framework and Stream API
- ORM (.Net Entity Framework)
- Version control GIT/TFS
- TDD, BDD, DDD, CI/CD development
- Linux, Windows, Tomcat, Docker, AWS web service,Ngnx(EC2, S3, route53)
- API based architectures (micro-services, restful)
- Performance and Scalability
- Agile development
- Caching
- Able to architect SOLID, SDLC, object-oriented (OOP) / functional, MVC Design pattern
- Meets tight and demanding deadlines under pressure

HANDS ON SKILLS
- **Python(Mid-level),** GO, Node.Js, C, C++, C#, Django
- MongoDB, PostgreSQL
- WordPress
- Entity Framework
- Android SDK
- Numpy(python)
- Centon 7 and windows 19 Server configuration knowledge

STRENGTHS
- Good oral, written & presentation skills
- A high tolerance of stress and enjoys responsibilities
- Quick learner with good grasping ability Lead & work as a team in an organized way
- Great time management skill
- Languages: English, Bangla

EXPERIENCE

http://www.brainstempower.com **Brain Stem Power,**
Full-Stack Engineer
October 2019 – **Continuing**

    Role

- Develop **angular8, MSSQL, .Net Core Web API** based **ERP** Software for garments industries.
- Develop **angular8, MSQL,.net Core Web API** based **HR & Payroll** Software for garments industries
- Helped the team to tech lead by participating in coding, system requirements, design and coding reviewing etc.
- 100+ QR COde Based RDLC Report Design for garments ERP
- RDLC Report Link Demo
  *https://erp.brainstempower.com/Aspx/Garments/PreCosting.aspx?jobNo=29146
  *https://erp.brainstempower.com/Aspx/Garments/OrderProfitabilitySummary.aspx?fileNo=06/23
  *https://erp.brainstempower.com/Aspx/Garments/FabricBookingDiaWise.aspx?PartialBookingId=13035

http://www.winsoft.com **win soft Dhaka-Bangladesh**

Full-Stack Engineer
September 2017 – September 2019 (2 Year)

- Role
  - Develop **Angular8, firebase** based **POS** Software as a result shopkeeper easily manage their shop (Using Angular, firebase)
  - Helped the team to tech lead with participating in code review

TRAINING

- **Java online training course, 2015 -** Learn in depth testing technique and different approach using Java
- **Angular online training course, 2017 -** Learn in depth about Angular design pattern, Redux, Testing, Deployment, Performance improvement, server-side rendering etc.

EDUCATION

- B.Sc. in Computer Science (2017) from World University of Bangladesh with 2.78 CGPA out of 4.00.
- Higher Secondary Certificate (2012) from govt. Matlab degree Collage with GPA 3.00 out of 5.00
- Secondary Certificate (2009) from Walipur High School with GPA 3.88 out of 5.00 without four subjects.