TURZO AHSAN SAMI
Programmer, Web & Software Developer

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Enthusiast C#, JavaScript & PHP programmer with 3+ years of hands-on expertise in developing modular, decoupled MIS systems, Single Page Apps and Web Components with willingness to learn and master Enterprise systems and Software Architecture. Adept in developing HRMS, Inventory, Sales modules and Procurement operations.

SKILLS

Front End
- Angular 2+, React, Ionic, PhoneGap, Electron
- Vanilla JS, ES6, Typescript
- Backbone, Underscore, RxJS, jQuery
- Gulp, JSON, Webpack, NPM
- HTML5, XML, CSS3, SASS

Back End
- C#, ASP.NET MVC, ADO.NET, LINQ, Entity Framework, Web API 2
- Node.js, Express.js
- PHP, Laravel, Eloquent ORM
- REST, SOAP

Databases
- MS SQL Server
- MYSQL
- Postgres

SDLC
- GoF Design patterns, SOLID principles
- UML, Waterfall, Agile, Scrum
- Git, Bitbucket, Azure Dev Ops, Firebase

EXPERIENCE

Executive Programmer, Software Development Unit   *March 2018 – 'till date*
LABAID PHARMACEUTICALS LTD.   *Dhaka, Bangladesh*

Have been developing continuous integrations of two responsive, modular and decoupled Management Information Systems namely- LPL MIS and LPL Web ERP.

- *LPL MIS:* This system has been developed to aid the Marketing, Sales and Distribution departments. This system consists of modules detailing the different combinations of sales and collection data of depots and sales zones. Integrated 4-P report modules.
- *LPL Web ERP:* This system is chunked into separate modules and is currently under development to aid the company in
  - Procurement, Production Planning and Inventory Control
  - Supply Chain Operation Management
  - Human Resource Management i.e., Online attendance, employee leave, and salary processing.

* Company sales increased by 350% since March 2018.
* Increased application performance from 10% to 98% (as per Google Lighthouse audit).

Software Development Executive   *January 2017 – February 2018*
GM SECURITIES & LOGISTICS SERVICES LTD.   *Dhaka, Bangladesh*

Developed new modules (namely, Attendance, Payroll and Interview) with CRUD functionalities to speed up HRMS operations along with customizing existing features of the ERP software using Angular2+, MySQL and Express.js.

Web Developer   *January 2015 – December 2016*
BYTES IT   *Dhaka, Bangladesh*

Handled full stack programming tasks for the development of the high-profile external web app using PHP and JavaScript. As a result, 6 bugs-free project releases have been deployed just-in-time.

SIDE PROJECTS

M-Price
Summary: Platform to provide latest retail price of local produces, crops, seeds etc.
Client: *BANGLADESH INSTITUTE OF ICT IN DEVELOPMENT*
Stack: Angular, MySQL, PHP Laravel, Ionic

Reading Enhancement for Advancing Development (READ)
Summary: Platform to provide interactive study materials
Client: *USAID & SAVE THE CHILDREN*
Technologies: Vanilla JS, jQuery, Bootstrap, PhoneGap, Electron

Gymnasium MIS and User Aids
Client: *WOOW Fitness Arena*
Technologies: C# ASP.NET (EF, Web API), MS SQL Server, Angular 2+, Electron, PhoneGap

EDUCATION

INSTITUTE OF INFORMATION TECHNOLOGY, UNIVERSITY OF DHAKA   *Master of Information Technology*
CGPA: *3.00* (scale of 4)   January 2018 – 'till date

UNIVERSITY OF LIBERAL ARTS BANGLADESH   *BSC in Computer Science & Engineering (with Distinction)*
CGPA: *3.97* (scale of 4)   September 2013 – August 2017
Honors*: Summa Cum Laude* | Awards: *Dean's Honors List Scholarship*
Participant: ACM ICPC Dhaka Regionals 2015, 2016

NOTRE DAME COLLEGE   *Higher Secondary Certificate*
GPA: *4.0* (scale of 5) | Session: 2005/6 | Division: Science

DHAKA RESIDENTIAL MODEL COLLEGE   *Secondary School Certificate*
GPA: *5.0* (scale of 5) | Session: 2003/4 | Division: Science

PUBLICATION

- Optimization of energy consumption in swarms of robots
  DOI: 10.1109/iccsre.2019.8807472 (link: ieeexplore.ieee.org/document/8807472)

- Trophallaxis and energy optimization in swarms of robots
  DOI: 10.1109/iccitechn.2016.7860247 (link: ieeexplore.ieee.org/document/7860247)

TRAINING

- Web Application Development (DOT NET), Basis Institute of Technology & Management
- Mobile Application Development (ANDROID), Basis Institute of Technology & Management
- Practical Software Engineering, Leads Corporation Limited
- Data Analysis with SPSS, Department of MPH, AIUB

AFFILIATIONS

- Associate Member, Bangladesh Computer Society
- Member, Edward M Kennedy Center
- Peer Mentor (former), University of Liberal Arts Bangladesh
- Publication Secretary (former), ULAB Computer Programming Club

REFERENCES

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