

# MD ABDULLAH AL AHASAN

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## PROFESSIONAL SUMMARY

Experienced and results-oriented software developer with a strong background in desktop and web applications development. Skilled in the analysis, design, development, and testing of software systems, with a focus on creating high-performing applications and a passion for continuous learning and research.

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## SKILLS

- JavaScript/JQuery, Typescript, C#, Java, .Net, HTML, CSS
- Node.js, React.js, ASP.NETCore, MVC, Web Form, Web API, REST APIs
- Microsoft Azure, AWS, Visual Studio, Azure DevOps, GIT Hub, Azure App Services
- GraphQL, Docker, SharePoint, Kubernetes, SQL Server, MongoDB, ElasticSearch, Redis, RabbitMQ

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## EMPLOYMENT HISTORY

### Entrepreneurial Lead

January 2022 - Present

Lab to Market, Canada wide.

#### Highlights (Work Area):

- Web application Development with E-Commerce Solution (<https://dorjibari.com.bd/>), this is running more than 44+ different branches. It is developed by front end Angular.js using laravel and MySQL.
- ERP module design and development for Desktop and Web (<https://mis.mascoknit.com/>), this has been deployed and running for 25000+ employee's management. It has Electronic Signatures verification. This project is divided different module for the user needs. Total 28 modules here for the management of the different sector of ERP management. It is developed my front end C#, MVC 5, Web Form, Web API, Backend Node.js and database MSSQL. This application has also been applied the Microservice based solution architecture.
- Deployment of hospital management software web and desktop deployment (<http://www.nirupon.com/service-single.html>), this software is deployment and managing daily 3000+ patents management and reporting. It is developed by front end Angular.js, React.js using ASP.NET and MSSQL.
- Actively contributing to requirement analysis, development and production deployment phases of a feature. Experienced with OnBase, Inspire, Electronic Signatures, Load Runner, Splunk.
- Lead a sub team to deliver new features on time by orchestrating subtasks and get them done timely by the team members.
- Participate week-long platform support in each month and respond or troubleshoot if necessary.

### Senior Software engineer

June 2016 – Dec 2021

Advanced Software & IT Services Ltd, *Dhaka, Bangladesh*

Provided expert advice and guidance on project management, software development methodologies, and business process improvement to ensure successful project delivery.

#### Highlights (Work Area):

- Web Application Based on MVC5 platform(<http://asitsl.com/>). Core member of the team and created multiple connectors (SharePoint, Microsoft Teams, Adobe sign, DocuSign) using React, Node and Azure functions (C#).
- Created react based UI components which are now used in ASIT workflow cloud and being used by 1000+ companies.

- Developed Single Page Application for a company to receive and handle data coming from IoT devices for scheduling predictive maintenance using Angular 1.x, ASP.NET Web API, SQL Server, ElasticSearch and CouchDB.
- Developed backend API for Spenn mobile app to handle money transfers between customers using ASP.NET Web API, SQL Server, ElasticSearch and ANX International's blockchain.
- Optimized an existing system of a government organization to handle 6000+ concurrent users using ASP.NET Web API, SQL Server and hosted in Amazon Web Service.
- Customized the existing Single Page Application inventory system using Angular 1.x and ASP.NET Web API to support different customers.

### Software Engineer

April 2014 – May 2016

Solutionart Software Services Ltd, *Dhaka, Bangladesh*

Designed, developed, tested, and maintained software programs and applications while collaborating with stakeholders and staying up-to-date with emerging trends and technologies.

#### Highlights (Work Area):

- Lead a team to develop and deploy an E-Commerce focused mini-ERP system using ASP.NET Web API, Node.js and TypeScript based Angular.js.ERP solution of a garments factory(<https://turagbd.net/>). It has
- Implemented complex duplex sync mechanism between mini-ERP. And WooCommerce website using Azure Function (C# and JavaScript) and Azure Storage Queue running on E-Commerce Web application [Happy Shopping | TrustDeal \(trustdealbd.com\)](http://Happy Shopping | TrustDeal (trustdealbd.com)).
- Design and implement interactive and parameterized reports that enable end-users to dynamically explore and analyze data for reporting system to handle 100GB+ data.

### Software Engineer

September 2012 – March 2014

Smartaspects Software Services Ltd, *Dhaka, Bangladesh*

Responsible for designing, developing, and maintaining software applications that met the needs of clients, while collaborating with cross-functional teams and staying up-to-date with emerging technologies.

#### Highlights (Work Area):

- Dropcue.com (.Net Frame Work 4.5, Asp.Net, C#, SqlServer 2013, MVC 5)
- It makes any people doing perfectness in all sectors and user can prepare the schedule of the work easily.
- Pdf Reporting (.Net Frame Work 2.0, C#, Asp.Net, Oracle 9i, PDF sharp Library) and generating Pie Chart, Histogram, Regular Report by PDF sharp Library.
- Worked as a full-stack developer (ASP.NET Web API and Angular 1.x) in multiple projects for different clients in Europe.
- Developed a parking problem solution using C#, JavaScript, HTML5 Geolocation API and Google Maps API.

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## EDUCATION

<b>Master of Science (MSc) in Computer Science (thesis)</b>	2023
University of Regina, <i>Regina, Canada</i>	
<b>Masters in Information and Software Engineering</b>	2020
University of Electronic Science and Technology of China (UESTC), <i>Chengdu, Sichuan, China</i>	
<b>Bachelor of Science in Computer Science &amp; Engineering</b>	2012
Khulna University (KU), <i>Khulna, Bangladesh</i>	