B2B SOLVER

Transforming Today for a Digital Tomorrow

A 360* Digital Transformation Service Provider

Overview

B2B Solver Limited is a 360° digital transformation service provider led by a 10+ year-experienced team that focuses on solving problems in the digital playground for both profit and non-profit organizations. B2B Solver is committed to empowering businesses through innovative digital transformation solutions that streamline operations, enhance productivity, and drive sustainable growth. Digital problems start with requirement analysis, business architecture design, and software development in all genres (web, mobile, and cross-platform application development) while also incorporating cutting-edge technologies like machine learning and generative Artificial Intelligence.

Background

In **2016**, a group of dynamic and ambitious graduates from Dhaka University (DU) and Bangladesh University of Engineering and Technology (BUET) came together to establish an organization initially known as **Binary Blue Soft**. This initiative was born out of a shared vision to leverage their expertise and innovative thinking in the technology sector. The founders aimed to create a robust platform that could offer comprehensive third-party assistance to start-ups, recognizing the growing demand for reliable and professional support services in the burgeoning tech ecosystem. Binary Blue Soft began its journey modestly, acting as a trusted ally to emerging businesses, providing them with essential services that facilitated their growth and operational efficiency.

As Binary Blue gained traction, it quickly expanded its customer base, earning the trust of several high-profile clients. The organization built a strong reputation by delivering exceptional service to reputed brands and organizations such as Dell Bangladesh and Unilever, specifically for its Close Up and Lux brands. This impressive portfolio of clients not only showcased Binary Blue's capability to handle large-scale projects but also solidified its standing in the industry as a reliable and proficient service provider. However, despite this success, the original team members eventually left the country, creating a void that necessitated a strategic shift. In response, the founder of Binary Blue took a decisive step in **2022**, rebranding the organization as **B2B Solver Limited**. With a renewed sense of purpose and a fresh, energetic team, **B2B Solver Limited** continued to uphold the legacy of Binary Blue, ensuring a seamless transition for its existing customers while also seeking new opportunities to expand and innovate in the competitive market.

Mission

At B2B Solver, our mission is to empower businesses through innovative software solutions and comprehensive digital transformation strategies. We aim to provide exceptional value to our clients by delivering high-quality, customized technology services that enhance operational efficiency, drive growth, and create sustainable competitive advantages. Our commitment is to foster long-term partnerships, built on trust, transparency, and a deep understanding of our clients' unique challenges and opportunities. Our mission is to bridge the gap between traditional business processes and cutting-edge digital technologies, enabling our clients to achieve their full potential in an increasingly digital world.

Vision

Our vision is to be the leading facilitator for digital innovation and transformation across organizations. We aim to set the standard for excellence in software development by continually pushing the boundaries of technology and adopting a culture of creativity and continuous improvement. By empowering businesses with cutting-edge solutions and strategic insights, we hope to build a future where technology seamlessly incorporates with business processes, driving sustainable growth and creating transformative value for our clients and their stakeholders.

Risk Management

At our company, we make sure we're ready for anything that might go wrong. We do this by thinking ahead and figuring out what problems could happen before they do. We discuss with everyone involved to get different ideas about what might go wrong and how we can stop it or fix it. We have plans in place for dealing with problems if they do come up. We keep an eye on things to make sure nothing unexpected happens, and if it does, we're ready to handle it. We also learn from things that have gone wrong in the past so we can do better next time. By being prepared and learning from our experiences, we can keep things running smoothly and make sure our projects are successful.

Transforming Today for a Digital Tomorrow

DIGITAL TRANSFORMATION

STRATEGY DEVELOPMENT

Defining objectives and a roadmap aligned with business goals to leverage digital technologies.

Gathering skills and knowledge for the adaptation of digital tools and processes.

TRAINING AND EDUCATION

TECHNOLOGY SELECTION

Selecting and implementing digital tools and platforms in line with strategy.
- Digital Infrastructure
- API Development
- IoT Application: Web, Mobile
- Machine Learning & AI
- Cybersecurity

CULTURAL SHIFT

PROCESS OPTIMIZATION

Fostering a mindset of innovation and adaptability throughout the organization to embrace digital change.

To increase performance and efficiency, workflows are streamlined and optimized.

B2B SOLVER

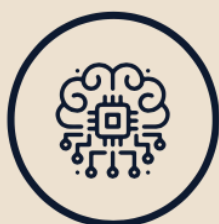Transforming Today for a Digital Tomorrow

OUR SERVICES

Consultancy

Offering a comprehensive range of digital transformation consultancy services, including assessment and analysis, digital strategy development, technology selection, change management, cultural shift adaptation, and process optimization for continuous improvement at the digital playground.

Machine Learning & AI

Development of machine learning models for business intelligence, data-driven decision-making, Vision AI and Natural Language Processing (NLP) is our primary Artificial Intelligence domain. Additionally, we provide customized solutions of Conversational AI (chatGPT), Artificial Reality (AR) and Virtual Reality (VR).

Application Development

We excel in application development for web and mobile. Our services encompass web application development with backend technologies such as Python, Django, PHP and Laravel. Our team specializes in the integration of Machine Learning Models, custom chatGPT implementation to both web and mobile application. We prefer the power of Flutter for mobile application development of Android and iOS.

Cybersecurity

Our cybersecurity experts are proficient in security assessment, risk management, penetration testing, proactive security monitoring, swift incident response, thorough vulnerability management, comprehensive security awareness, and training initiatives.

DevOps & MLOps

Our DevOps and MLOps services are tailored for business process optimization and continuous improvement, enabling streamlined operations and enhanced efficiency of application.

seNao

seNao is an AI application designed to educate children with special needs by utilizing an NAO robot and a Tablet App. It augments the abilities of children with autism **(ADHD: Attention deficit hyperactivity disorder)** by fostering ongoing communication with the NAO robot, which they perceive as a playful companion, thus transforming their surroundings into an interactive learning environment.

Technology Used

Oracle, Python, TensorFlow, Scikit Learn, Keras, OpenCV, NLTK, Kivy

ML Core: Natural Language Processing, Object Detection
Trained NAO Robot –
1. Conversation with children
2. Children face detection
3. Different Alphabet and Number Teaching strategies for different level ADHD children.

HGSP Monitoring ~ Nutrition

HGSP is a project under the Ministry of Health and Family Welfare, funded by the World Bank and co-implemented by **UNICEF at Cox's Bazar District**. HGSP Monitoring is a real-time monitoring and supervision application that automates community-based nutrition intervention. It also monitors activity of implementation partner representatives within office hour.

User End Points
- UNICEF Officials
- Government Front Liners, First Liners, Second Liners
- Implementation Partner Representatives

Technology Used

PHP, Laravel, Vue JS, MySQL, Mapbox, Flutter

IoT End Points

IoT End Points
- Web Admin Panel
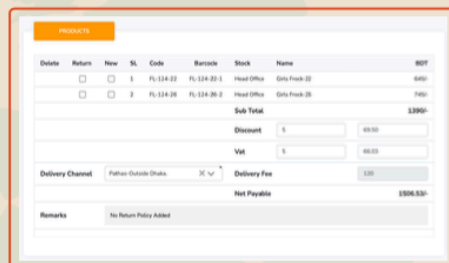- HGSP Tracker App
- HGSP Monitoring App

MAJOR PROJECTS

BlueERP

BlueERP is an **ERP (Enterprise Resource Planning)** system that strives to satisfy the business requirements of startups and SMEs (Small to Medium Level Enterprises). It offers the necessary modules in each phase, from production to product delivery to consumers' doors. **BlueERP** Comes with modules like Point of Sale (POS), Order Management, Delivery Pipeline, Multi Outlet Inventory Management, Supply Chain, E-Commerce Marketplace Integration, Accounts, Expense, HR (Human Resources), Attendance & Payroll, Audit & Reporting.

Technology Used
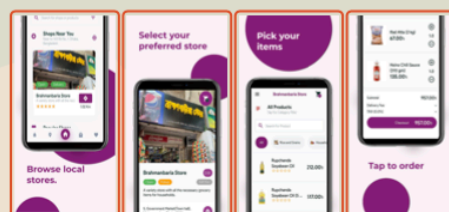PHP, Laravel, MySQL, VUE JS

GroshipR

GroshipR is an e-commerce solution for grocery and pharmaceuticals, combination of web and android application.

Technology Used
PHP, Laravel, MySQL, VUE JS, Flutter

DUAIS~ Payroll & Exam Remuneration Module

Dhaka University Account & Information System **(DUAIS)** is a web based automated system for university administration. Among 11 modules of **DUAIS~Payroll** and **Exam Remuneration module** is developed by our team.

Technology Used
PHP, Bootstrap, Oracle

Balur Godi

Balur Godi is Artificial Intelligence Based ERP (Enterprise Resource Planning) For Sand Industry. Using CCTV camera source object detection AI model counts the number of sand truck loaded and automatically generates invoices. It incorporates AI model with BlueERP.

Technology Used
Python, TensorFlow, OpenCV, Django, Vue JS, MySQL

MAJOR PROJECTS

Prism V1.1

Prism V1.1 is a sales automation system developed to monitor real-time national sales data of British American Tobacco, Bangladesh. Prism V1.1 contains web control panel with a field level mobile app works as input media of sales channel.

Technology Used

PHP, CodeIgniter, MySQL, Bootstrap, PhoneGap (Apache Coordova)

DPG (Dell Partners Gateway)

DPG-BD (Dell partners gateway, Bangladesh) is the gateway of imported products of Dell, Bangladesh through any distribution channel. It detects the products from black market and calculates target-rebate among different level of distributors.

Technology Used

PHP, CodeIgniter, MySQL, Bootstrap, PhoneGap (Apache Coordova)

CV Screener

CV Screener is a utility tool developed for HR Agencies to find the suitable candidates from job descriptions. By matching with expertise and service of interest it shows the suitable candidates for any job application..

Technology Used

Python, Django, MySQL, Bootstrap

Close Up Volt
(ক্লোজআপ কাছে আসার গল্প)

Close Up Volt is a marketing campaign of Unilever Bangladesh. Throughout the campaign all kind of online user interaction like registration, entry pass, online campaign management are taken care through a web-based application.

Technology Used

PHP, CodeIgniter, MySQL, Bootstrap

LCSS
(Lux Channel i Super Star 2014)

LCSS (Lux Channel i Superstar) is a Bangladeshi television reality show that airs on Channel i. The complete show is online controlled through mobile app and web control panel. From registration to "Bangladesh Face of Lux" finding, every step is monitored through the system we developed.

Technology Used

PHP, CodeIgniter, MySQL, Bootstrap, PhoneGap (Apache Coordova)

Founder's Profile

JASIM UDDIN
Entrepreneur
Technical Skills:
Artificial Intelligence: Natural Language Processing, GPT, LLM, Gemini
Web Development: Python, Django, PHP, Laravel, VueJS
Mobile Apps Development: Android, IOS, Flutter, Kotlin, Objective C
Cloud: Google Cloud Platform (GCP)
Database: MySQL, Oracle, MongoDB

PROFESSIONAL EXPERIENCE

Founder & Managing Director   *Jul 22 - Present*
B2B Solver Limited

Freelancer (Full Stack Software Engineer)   *Jan 2019 - Jun2022*
Accounting & Information Systems Project, University of Dhaka
   Responsibilities:
   - Business case analysis and architecture design for **ERP**
   - Writing procedures in packages of **Oracle 12C** for HR & Payroll section of ERP
   - Program Troubleshooting
   - Modification of customized web framework combined with **Angular** and **PHP**

Co-Founder   *July 2016 - Dec 2018*
Binary Blue Soft

Software Engineer   *Mar 2014 - Jun 2016*
Analyzen
   Responsibilities:
   - Developing sales tracking software.
   - Working with software lifecycle (Planning to Implementation).
   - Cross-Platform Apps Development using **Cordova**

Freelancer Web Developer   *Nov 2011 - Jun 2022*
Upwork.com (https://www.upwork.com/o/profiles/users/~010aadfdc5e6923e06/)
   Responsibilities:
   - Application Troubleshooting.
   - Android Apps Development.
   - Software development using **Python** and **Django.**
   - Developing/Modifying **Wordpress** plugins.
   - Developing web-based software using **CodeIgniter** and **Laravel** framework.
   - Data Analysis & ML

EDUCATION

2019-	**MSC,** Computer Science & Engineering, University of Dhaka, Bangladesh, GPA 3.09
2014 -	**BSC**, Computer Science & Engineering, University of Dhaka, Bangladesh, GPA 3.14
2009 -	**HSC**, Notre Dame College, Dhaka, Science Group, Dhaka Board, GPA 5.00 (Without optional subject)
2007 -	**SSC**, University Laboratory School & College. Science Group, Dhaka Board, GPA 5.00 (Without optional subject)

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www.b2bsolver.com

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Tech Team

SL	Name and Experience	Experience	Working Domain
1	Jasim Uddin	11+ Years	Team Lead
2	MD Mustafizur Rahman Riyal	10+ Years	Consultant
3	Firoj Ahmed	10+ Years	Development Team Lead
4	Md Arafat Jamil	5+ Years	Software Developer
5	Shafayat Jamil	3+ Years	Project Coordinator & Trainer
6	Md Talha Jubayer	2+ Years	Software Developer
7	Md Zubaer Mahtab Joy	2+ Years	Software Developer

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