

# TAHASIN ISLAM

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## PROFILES

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Stack Overflow	<a href="https://stackoverflow.com">stackoverflow.com</a>
GitHub	<a href="https://github.com/tahasinx">github.com/tahasinx</a>
LinkedIn	<a href="https://linkedin.com/in/tahasiin">linkedin.com/in/tahasiin</a>
CodePen	<a href="https://codepen.io/Tahasin">codepen.io/Tahasin</a>

## EDUCATION

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2015-06-01 To 2019-10-01	<b>Tejgaon College, Dhaka</b> BSc in Computer Science & Engineering [CSE].
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## SKILLS/EXPERTISE

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<b>Development Skills</b>	<b>Full Stack Development Mastery</b> Expert in full-stack development with raw codes and frameworks. Proficient in developing, deploying, and maintaining scalable, high-traffic web applications.
<b>Adaptable And Versatile Developer</b>	<b>Never limited by language or technology</b> Effortlessly adapt and master any required technology, ensuring innovative solutions across diverse challenges.
<b>Technical Leadership</b>	<b>Team Leadership and Vision</b> Lead web, mobile, and graphics teams as CTO, driving technological vision and ensuring project success. <b>Project Management and Collaboration</b> I oversee projects from conception to completion, working with cross-functional teams to deliver high-quality software solutions aligned with business objectives. <b>Project Management and Collaboration</b> Stay updated with industry trends, bringing cutting-edge solutions to every project.
<b>Effective Bilingual Communication</b>	<b>Communication With Clients</b> Proficient in client communication in both mother tongue and English, managing strong local and international relationships. <b>Proficient in English</b> Strong English skills enhance my ability to lead meetings, lectures, and training sessions, fostering collaboration.

**Logic Building,  
Problem-Solving  
and Bug Fixing**

**Requirement Fulfillment**

Excel in meeting logical and feasible requirements, delivering solutions that exceed expectations.

**Bug Fixing and Debugging**

Proficient in identifying, troubleshooting, and resolving bugs and issues in software applications, ensuring smooth functionality and user satisfaction.

**Innovative Problem-Solving**

I excel in developing creative and efficient solutions to complex problems, enhancing the overall performance and usability of applications.

**CTO Competencies**

**Strategic Vision**

Capable of setting and driving the technological vision of the company, aligning technology strategy with business objectives to achieve long-term success.

**Risk Management & Resource Allocation**

Experienced in identifying and mitigating technical risks, ensuring project stability and continuity.

Skilled in managing resources effectively, ensuring optimal utilization of talent and technology to meet project goals and deadlines.

**Performance Monitoring**

Proficient in monitoring system health and performance, implementing necessary improvements to maintain high standards.

**Technical Documentation**

Experienced in developing and maintaining comprehensive technical documentation, ensuring clarity and consistency across projects.

**EXPERIENCES**

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**2020-10-01 To  
Still Now**

**TRY SOLUTIONS LLC**

**CTO & Senior Software Engineer**

- Lead the development and technological vision for web, mobile, and graphics teams.
- Oversee the design and implementation of innovative projects.
- Actively engage in development tasks, contributing to the creation of templates, websites, and advanced software solutions.

**2017-03-01 To  
2020-08-31**

**SKYNET BD**

**Lead Developer**

- Led the development team in creating and maintaining web applications and ISP software.
- Delivered high-quality solutions aligned with business objectives and customer needs.

**Personal  
Workspace**

- Experienced and managed a wide range of projects, specializing in web application development, software design, and website creation.
- Provided expertise in bug fixing and security enhancements, servicing clients across various marketplaces.

### Web Design & Development

#### Frontend

- **Languages & Preprocessors:** HTML, CSS, SASS, SCSS, LESS
- **Frameworks & Libraries:** Bootstrap, Tailwind CSS
- **JavaScript & Extensions:** Pure JavaScript, jQuery, jQuery UI, Web Platform APIs.
- **Effects & Customizations:** Animations & Effects, Template modification, customization & mastering.

#### Backend

- **Languages:** PHP (OOP, PDO), SQL, Node.js, TypeScript, Vanilla JavaScript
- **Technologies:** AJAX, JSON, RESTful APIs, GraphQL, XML, WebSocket, Webhooks, CORS
- **Authentication & Security:** JWT, OAuth2, API Tokens, CSRF/XSS Protection, HTTPS, Rate Limiting, IP Whitelisting
- **Task & Process Automation:** Cron Jobs, Queue Workers, Schedulers, Middleware
- **Caching & Optimization:** Redis, File-based Caching, Lazy Loading, Database Indexing
- **File Management & Storage:** File Uploads, Cloud Storage (AWS S3, Google Cloud, Cloudflare R2), Temporary URLs
- **Debugging & Testing:** Postman, Xdebug, PHPUnit, Browser DevTools, Error Logs
- **Development Tools:** CLI, Git, GitHub, Shell Scripting, Docker (optional), cURL, API Testing Tools
- **Caching & Optimization:** Redis, Memcached, File-based Caching, Lazy Loading, Database Indexing
- **Package Managers:** npm, Composer, Yarn

### Frameworks

#### Backend Frameworks

- Laravel, CodeIgniter, Express.js

#### Frontend Frameworks & Libraries

- Vue.js, React.js, Next.js

#### CMS & Platforms

- WordPress

#### Cross-Platform / Desktop & Mobile

- Electron.js, Flutter

### Platforms & Technologies

Git, AI, Web & Browser APIs, Goggle Services & APIs, Maps, WebRTC, Socket.io, Firebase, Twilio, Cloud VMs, WHM & cPanel, Payment Gateways and more.

### Databases

MySQL, MariaDB, SQLite, PostgreSQL, NoSQL.

### Development Patterns

MVC, Repository Pattern, Self-Built Modular Vanilla Pattern for Scalable Projects

## PROJECTS

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### Network & Telecom

#### ISP Management Software

Developed for Skynetbd with MicroTik integration, user billing, and network automation.

#### Web-Based Telephony Systems

Built telephony systems using Twilio, SignalWire, and other international telephony platforms.

### Productivity & Office Tools

#### Time & Task Tracker (Web + PC App)

Created a time-tracking system with desktop screen capture, remote live view for employee monitoring.

#### CRM & ERP Applications

Developed scalable CRM & ERP systems with modules for project tracking, team management, HR (onboarding, attendance, leave), finance, accounting and internal operations.

### Mapping & Field Operations

#### Mapping & Scouting App

Integrated Google Maps & Spreadsheet APIs for location tracking and lead generation.

### Real-Time Communication

#### Live Chat & Media Systems

Developed real-time chat, notifications, and AV calling with WebRTC, Pusher, Socket.IO, Firebase, Broadcasting, Channels.

### Education & E-Learning

#### School Management & Virtual Classroom

Built systems with audio/video conferencing, whiteboards, attendance, and more.

### eCommerce & Classifieds

#### Classified Ad & Virtual Marketplace

Designed SEO-friendly marketplaces with secure, dynamic backend systems.

### Business & Retail

#### Product Management & POS Systems

Built POS with features like inventory, invoices, pay slips, and auto-accounting.

### Healthcare Solutions

#### Doctor Appointment System

Integrated chat, booking, and video consultation features.

#### Diagnostic Assistant Platform

Registered diagnostic centers and hospitals into a searchable online system.

### Web & Security Solutions

#### Secure Authentication Systems

Implemented robust auth layers (OAuth, 2FA, etc.) across all major projects.

## SOME OF MY WORKS

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Office Management System	<a href="https://oms.trybpold.com">https://oms.trybpold.com</a> (Access Limited)
Task & Project Tracking System	<a href="https://eod365.com">https://eod365.com</a>
Storage Management Platform	<a href="https://drive.eod365.com">https://drive.eod365.com</a>
Job Listing Platform	<a href="https://beta.smartjobs.ie">https://beta.smartjobs.ie</a>   <a href="https://smartjobs.ie">https://smartjobs.ie</a>
Ad Listing Platform	<a href="https://beta.smartads.ie">https://beta.smartads.ie</a>
Lead Generation Platform	<a href="https://skipncall.com">https://skipncall.com</a>
Dynamic Form	<a href="https://swifttrustef.com/apply-now/">https://swifttrustef.com/apply-now/</a>
A Media Capture & Sharing Tool	<a href="https://recordo-kappa.vercel.app">https://recordo-kappa.vercel.app</a>

## AWARDS

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2023 Award Ceremony	<b>Task Master</b> Recognized at TRY Solutions for consistently achieving 100% task success and demonstrating exceptional dedication in fulfilling responsibilities. This award celebrates outstanding performance in delivering results with precision and commitment.
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Signature

Tahashin Islam