

# Mohammad Awlad

Software Engineer JavaScript | TypeScript | React | Next | PWAs

in mdawlad

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awlad.com



Highly accomplished **Software Engineer** with over **Four years of progressive experience** in front-end software development. Recognized for expertise in **managing and directing cross-functional applications**, adept at **delivering complex features on time**. Proficient in **TypeScript, ReactJS, and NextJS**. Demonstrated success in **orchestrating technology migrations**, driving innovation, and ensuring the highest level of software quality. A forward-thinking engineer committed to continuous learning and emerging technologies.

## ⚡ Technical Proficiency

**Languages** JavaScript, TypeScript, HTML, CSS

**Frameworks** ReactJS, NextJS, Angular, React Remix, ExpressJS

**React Libraries** React Router, Redux, React Query, Formik, React-i18next, React-Select, React-Toastify

**JavaScript Libraries** axios, momentjs, xtermjs, chart.js, monaco-editor, aos and more

**Packaging & Bundling** Webpack, Vite, Babel

**CSS Frameworks** Tailwind CSS, Bootstrap, Material UI, Ant Design

**Familiar With** NodeJS, ExpressJS, PostgreSQL

## 📁 Experience

**PRESENT**  
Aug 2025

### Software Engineer

📍 **DocTime & Media365 Ltd.** 📍 Dhaka, Bangladesh

- ▶ **Team Coordination** : Collaborated closely with QA and UI/UX teams to translate product requirements into actionable tasks, ensuring smooth sprint delivery and consistent feature quality.
- ▶ **Shopify App Development** : Leading the development of **WINNSEO – an AI-powered SEO app for Shopify** that helps merchants enhance visibility, manage metadata, and automate optimization across product pages.
- ▶ **AI Integration** : Integrated advanced AI models to automatically analyze product data, generate optimized titles, tags, and descriptions, improving search rankings and store discoverability without manual effort.
- ▶ **Feature Implementation** : Built dynamic dashboards, real-time analytics, and keyword insights to help merchants track SEO performance effectively.
- ▶ **Project Estimation** : Applied effective estimation methods using historical data and complexity analysis to plan deliverables and allocate resources accurately.
- ▶ **Technology Migration** : Actively contributing to migration efforts from legacy React codebases to **Remix** and **React.js** for improved scalability, performance, and maintainability.
- ▶ **Cross-functional Leadership** : Bridged communication between technical and non-technical teams to align engineering goals with business objectives and delivery milestones.
- ▶ **Performance Optimization** : Improved API response times, caching, and build pipelines, resulting in faster load times and smoother app experience.

## 🎓 Education

2024 - Present	Bachelor of Science in Computer Science & Engineering <b>Northern University of Bangladesh</b>
2017 - 2022	Diploma in Computer Science <b>Bhola Polytechnic Institute</b>
2012 - 2017	Science Group <b>Banker hat co-operative high school</b>

## Achievements

- ▶ **WinnSEO App Development:** Successfully built and deployed the **WinnSEO App** for Shopify, helping merchants optimize store SEO and boost visibility across search engines.
- ▶ **App Adoption Milestone:** Achieved **100 installations within 10 days** of launching the WinnSEO App, demonstrating rapid adoption and strong market response.
- ▶ **Employee of the Month:** Recognized as **Employee of the Month** at Softic OPC for exceptional performance, dedication, and technical contribution to key projects.

## Key Projects

### ▶ WinnSEO APP

 Aug 2024 - Present

 <https://apps.shopify.com/winnseo>

Designed and developed **WinnSEO**, an **AI-powered SEO optimization app** for Shopify merchants. The platform automates meta tag generation, keyword analysis, and product content enhancement — helping store owners increase visibility and improve organic rankings with minimal effort.

- ▶ **AI Integration :** Implemented intelligent algorithms that automatically analyze product titles, descriptions, and tags to generate optimized SEO metadata in real time.
- ▶ **Keyword Optimization :** Developed a built-in keyword ranking tool that suggests high-performing search terms tailored to each product category.
- ▶ **Analytics Dashboard :** Built an interactive dashboard where merchants can monitor page-level SEO health, AI suggestions, and real-time ranking performance.
- ▶ **Shopify App Integration :** Integrated seamlessly with Shopify Admin using App Bridge and REST APIs, ensuring smooth merchant onboarding and data synchronization.
- ▶ **Performance Optimization :** Improved API caching and state management with **React Query**, reducing load times and improving user experience.
- ▶ **Deployment & Adoption :** Successfully deployed the app on Shopify App Store and reached **100+ active installs within the first 10 days** of launch, demonstrating strong merchant adoption.

React Remix

Shopify Polaris

GraphQL

Context API

Tailwind CSS

### ▶ E-tutor Online Course Platform

 Jul 2025 - Present

 <https://e-tutor-online-course-platform.vercel.app/>

Built a modern and scalable **AI-driven online learning platform** that enables students to browse and enroll in courses, track learning progress, and interact with instructors in real-time. The platform supports personalized course recommendations, secure user authentication, and dynamic dashboards for both learners and tutors.

- ▶ **AI Integration :** Implemented AI algorithms to analyze user learning patterns and recommend courses that best match student interests and performance trends.
- ▶ **Dynamic Course Management :** Developed instructor and admin dashboards to manage course creation, lesson uploads, and real-time enrollment updates.
- ▶ **Interactive Learning Experience :** Integrated video-based lessons, progress tracking, and review systems to enhance engagement and retention.
- ▶ **Performance Optimization :** Optimized API communication, lazy loading, and state updates to ensure smooth navigation and fast page load times across the platform.
- ▶ **Secure Authentication :** Implemented JWT-based authentication and route protection for a safe and personalized user experience.
- ▶ **Responsive UI :** Designed a fully responsive layout using **Tailwind CSS** to provide seamless experiences across devices.

Angular

TypeScript

Tailwind CSS

Lucid-angular

### ▶ Personal Portfolio Website

 Aug 2025 - Present

 <https://awlad.vercel.app/>

Designed and developed a modern, full-stack **portfolio website** to showcase projects, technical skills, and blog posts. The platform integrates a dynamic content management system with **Next.js** on the frontend and **Express.js** on the backend, ensuring scalability, SEO optimization, and a smooth user experience across all devices.

- ▶ **Interactive UI:** Built smooth page transitions and scroll-based animations using **Framer Motion** and **Tailwind CSS** for a visually engaging experience.
- ▶ **Full-stack Integration:** Developed a secure blog API with **Express.js** and **MongoDB** supporting JWT authentication and CRUD operations for content management.
- ▶ **Performance Optimization:** Achieved a **90+ Lighthouse score** by leveraging Next.js image optimization, static rendering, and caching strategies.
- ▶ **SEO Enhancement:** Implemented dynamic meta tags and schema markup for improved search visibility and click-through rates.
- ▶ **Responsive Design:** Optimized layout for mobile, tablet, and desktop screens ensuring consistent accessibility and UX.

NextJS

TypeScript

Tailwind CSS

Framer Motion

ExpressJS

MongoDB