

# Baher Hossam Tolba Ali

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## Profile Summary

Frontend developer with full-stack capabilities. Skilled in Angular, TypeScript, SCSS, and Bootstrap for building responsive, user-focused interfaces. Delivered multiple production-grade apps, collaborating on architecture and backend integration (Node.js, MongoDB). Experienced in implementing RESTful APIs, JWT authentication, and Git/GitHub workflows. Passionate about clean, accessible code and continuous learning.

**Open to opportunities in frontend development or full-stack roles using the MEAN stack.**

## Skills

### Frontend:

- **HTML \ HTML5** (*Expert*)
- **CSS \ CSS3 \ SCSS** (*Expert*)
- **Angular** (*Proficient*)
- **RxJS \ NgRx** (*Proficient*)
- **Bootstrap** (*Expert*)
- **Tailwind** (*Proficient*)
- **React** (*Familiar*)

### Backend:

- **Node.js** (*Proficient*)
- **NPM** (*Proficient*)
- **Express.js** (*Proficient*)
- **MongoDB** (*Proficient*)

### Testing and Deployment:

- **Vercel** (*Familiar*)
- **Postman** (*Expert*)

### API & Authentication:

- **RESTful APIs** (*Proficient*)
- **JWT** (*Proficient*)

### Design & Prototyping:

- **Figma** (*Proficient*)
- **Canva** (*Expert*)
- **Adobe Photoshop** (*Proficient*)

### Version control:

- **Git \ GitHub** (*Expert*)

### Programming languages:

- **JavaScript (ES6+) \ TypeScript** (*Expert*)
- **Java** (*Familiar*)
- **C++** (*Familiar*)
- **Python** (*Familiar*)

### Soft skills:

- **Technical communication**
- **Team work**
- **Public speaking**
- **Code review**
- **Mentorship**
- **Planning**
- **Organization**
- **Patience**

### Conceptual knowledge:

- **Object Oriented Programming**

### Languages:

- **English** (*Fluent*)
- **Arabic** (*Native*)

## Education

Bachelor of Engineer, Electronics and Communications Department  
Zagazig University, Egypt — July 2025 (Expected)

## Experience

### • **Areeb Intern Competition** (MAY 2025)

Joined a competition by (Areeb technology) for web developers, preparing participants for their internships.

#### Event booking web app project

Developed a full-stack event booking web app allowing users to browse upcoming events, reserve tickets, and manage bookings. Ensured pixel-perfect layouts across desktop. Utilized Git/GitHub for version control to maintain a clean Git history. Took part in developing the backend to integrate RESTful APIs, troubleshoot CORS issues, and implement secure authentication flows.

**Technologies used:** • Frontend: Angular, SCSS, Bootstrap, TypeScript, RxJS.

- Backend: Node.js (Express.js), TypeScript, MongoDB (Mongoose), JWT Authentication, Sharp.

- **Graduation Team (2025)**

Led a team in developing an advanced ATM system integrating fingerprint biometric authentication to enhance security and user verification. Oversaw testing phases to ensure system security, reliability, and data protection; coordinated tasks, facilitated team collaboration, and ensured project milestones were met on schedule. Presented progress and outcomes to supervisors, incorporating feedback for continuous improvement.

- **[BT-Bank project](#)** (Graduation project)

Built the full UI for a Web-based ATM System simulating typical operations (balance inquiry, cash ops, transaction history, and card/certificate services). Used Git/GitHub for version control and collaborated on backend logic to retrieve account data, validate transactions, and implement efficient, scalable operations. Integrated biometric login for secure fingerprint-based authentication.

**Technologies used:** • **Frontend:** Angular 19, SCSS, Bootstrap and Angular Material, JWT Decode and NgRx.

- **Backend:** Node.js with Express.js, TypeScript and MongoDB with Mongoose.

- **Hardware:** Arduino programming language.

- **NTI training (AUG,2024 – SEP,2024)**

Completed training in MEAN stack development at NTI, with a focus on frontend technologies including Angular, Bootstrap, and backend technologies such as Node.js, Express.js and MongoDB.

- **[E-commerce project](#)** (Final NTI training project)

Designed and implemented an e-commerce web app, enabling product browsing, shopping cart functionality, and secure checkout via JWT-based authentication. Integrated RESTful endpoints to fetch product/catalog data and process orders.

**Technologies used:** • **Frontend:** Angular, SCSS, Bootstrap, FontAwesome, RxJS and JWT Decode.

- **Backend:** Node.js with Express.js, TypeScript and MongoDB with Mongoose.

- **Freelancing**

During my freelance work, I had the opportunity to develop various web applications that helped clients achieve their digital goals. Some of them are:

- 1. **[PowerPoint to PDF converter](#)** (MAY, 2025)

Developed a web-based PowerPoint to PDF converter with an intuitive upload interface, one-click conversion, and real-time progress tracking. The system validates file types and sizes, handles errors gracefully, and uses cloud services to ensure high-quality output with preserved formatting. Built on a scalable client-server architecture, this project showcases my full-stack development skills and focus on practical, user-friendly solutions.

**Technologies used:** • **Frontend:** Angular 19, Angular SSR, Bootstrap, TypeScript, RxJS.

- **Backend:** Express.js, TypeScript, Google Drive API.

- 2. **[Card details page](#)** (NOV, 2024)

Card Details is an interactive payment card form project that provides real-time visual feedback as users enter their payment information. The project features a dynamic card display that updates instantly as information is entered, complete with a realistic card flip animation when users focus on the CVV field. The form includes comprehensive client-side validation for all input fields, ensuring users enter valid card information before submission.

**Technologies used:** HTML5, CSS3/SCSS, Vanilla JavaScript, IonIcons.

## Volunteering Experience

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### Zigzag CS, Zagazig University (2024 - 2025)

A college-based volunteer team working to provide support and assistance to students at various engineering colleges throughout Egypt.

- **First Season (2024)**

- Volunteered as a problem solver at Zigzag Cs, analyzing and refining code across diverse projects. Strengthened debugging and critical thinking skills by identifying root causes and optimizing performance. Collaborated with developers to tackle technical challenges, enhance workflows, and ensure high-quality solutions.

**Skills developed:** Creative problem solving \ C++ \ JavaScript \ TypeScript \ Java \ OOP \ Soft skills.

- Volunteered as a frontend web developer at Zigzag CS, contributing to the development of responsive, user-focused web applications. Collaborated with a team to apply best practices in design, code structure, and project implementation. Strengthened problem-solving, collaboration, and project execution skills through hands-on development work.

**Skills developed:** HTML \ HTML5 \ CSS \ CSS3 \ SCSS \ JavaScript (ES6+) \ TypeScript \ Bootstrap \ Soft skills.

- **Second Season (2025)**

- Volunteered as a backend developer, building scalable and high-performance server-side applications. Focused on developing efficient, secure systems that enhance overall application functionality and user experience. Gained practical experience in backend architecture and best practices through hands-on project work.

**Skills developed:** Node.js \ Express.js \ MongoDB \ APIs \ Soft skills.

- Taught frontend web development, covering HTML/HTML5, CSS/CSS3, SCSS, JavaScript (ES6+), TypeScript, Bootstrap, and the very basics of Angular. Guided learners in building responsive, user-friendly interfaces while emphasizing clean code and best practices. Encouraged an engaging and collaborative learning environment.

**Skills developed:** Presentation \ Communication \ Mentorship \ Planning \ Organization \ Patience.