





# Shoeb Uddin Ahmed

## Full Stack Engineer

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### ABOUT ME

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- Practicing Full Stack Web & Cross-platform Mobile Development regularly for more than 3 years.
- A problem solver (solved 50+ Leetcode problems and 80+ Hackerrank problems).
- Highly interested in Scalable Software Architecture, Performance Optimization and DevOps technologies.

### EDUCATION

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- Independent University, Bangladesh | *January 2019 - April 2024* | **B.Sc. in Computer Science**
- Edexcel Board, British Council Bangladesh | *May 2015 - May 2018* | **O & A Levels**

### TECHNICAL SKILLS

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**Programming Languages:** JavaScript (ES6+) (Expert), TypeScript (Expert), Python, C#, Golang  
**Frontend Technologies:** Angular v2+ (Expert), NgRx, JQuery, KnockoutJS  
**Frontend Styling:** CSS, SASS, Bootstrap, TailwindCSS (Expert)  
**Cross-Platform:** Ionic(Angular) (Expert)  
**Backend Technologies:** Node.js (Expert), NestJS (Expert), Express.js, .Net Core  
**Databases:** MySQL, MongoDB, PostgreSQL, Azure CosmosDB, Redis  
**ORMs:** Mongoose, Prisma, EF Core  
**Miscellaneous/Libraries:** Chart.js, Leaflet.js, Maps, Socket.io, RxJs, Auth0, lottie, animejs  
**Version Control:** Git, GitHub, GitLab, Azure DevOps

### PROFESSIONAL EXPERIENCE

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- **Full Stack Developer** | [Drifting Desk](#) | *September 2023 - present* | Germany, Remote
  - Collaborated with international development teams to develop new features and resolve legacy bugs for complex archiving software utilized by enterprise clients including Vodafone and Mercedes Germany.
  - Refactored codebase implementing smart/dumb component architecture, increasing code reusability by 40% and reducing maintenance overhead.
  - Enhanced application performance through implementation of infinite scroll pagination, Angular Portals, and RxJS optimization techniques, reducing load and interaction times by approximately 30%.
- **Full Stack Developer** | [Cuebites](#) | *January 2023 - June 2023* | Australia, Remote
  - Developed enterprise-level human resource management applications using Angular and NgRx for frontend, .NET Core with MediatR CQRS pattern for backend, and implemented CI/CD pipelines with Docker and Azure DevOps.
  - Maintained inventory management software built with Angular (Fuse template) and Syncfusion component library, supporting 3 backend microservices architecture with .NET Core CQRS pattern.
- **Angular Developer** | [Resultier Inc](#) | *April 2022 - December 2022* | USA, Remote
  - Collaborated with a cross-functional international team of 50+ developers, designers, managers, and clients to deliver complex USA HealthcareTech and InsurTech applications using Angular.
  - Executed major technical upgrade from Angular 4 to Angular 13, and implemented complex reactive forms handling 100+ dynamic inputs for USA healthcare HCFA forms.

## PERSONAL PROJECTS

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### **Inventory Management System** | Angular(v16), Sacai Template, PrimeNg, TailwindCSS, NestJS, Prisma, Supabase, PostgreSQL

- Developed a multi-tenant inventory management system allowing users to create multiple business profiles with role-based access control.
- Implemented complex relational database model with bidirectional inventory tracking for material imports/exports and product manufacturing workflows.
- Created comprehensive CRUD operations for inventory, products, purchases, and expenses with customizable price units and quantity types.

**Frontend:** <https://inventory-manager-agf5.onrender.com>

**API:** <https://inventory-manager-server.onrender.com>

**Frontend Source Code:** <https://github.com/shoeb-gg/inventory-manager-client>

**Backend Source Code:** [https://github.com/shoeb-gg/inventory\\_manager\\_server](https://github.com/shoeb-gg/inventory_manager_server)

### **Quick Grocery List** | Ionic 8 (Angular v19), TailwindCSS

- Developed a high-performance mobile application focused on rapid list creation and management with interactive features including item reordering, check/uncheck functionality, and real-time list updates, all featuring intuitive UX.
- Utilized Ionic/Storage for device-based data persistence with offline capabilities and Angular Signals for state management and data manipulations

**Source Code:** <https://github.com/shoeb-gg/basic-grocery-list>

### **Portfolio Site** | Angular v19, Angular Material, Angular SSR, TailwindCSS, (Prerender mode), Lottie, AOS, animejs

- Developed a high-performance personal portfolio website showcasing skills, experience, and projects with Angular SSR in prerender mode for optimal SEO and load times.
- Implemented sophisticated animations using multiple libraries (Lottie, AOS, AnimeJS) each with custom solutions for server-side rendering compatibility.
- Engineered conditional component architecture to resolve document access limitations during server-side rendering, ensuring seamless animation performance across all environments.

**Source Code:** [https://github.com/shoeb-gg/Portfolio\\_New](https://github.com/shoeb-gg/Portfolio_New)

### **Timer WebApp** | Node.js, Angular v14, TypeScript, Bootstrap

- Designed and developed a *Countdown Timer and Stopwatch App* with dynamically updating components and passing data between components using *Services (Observables and Subscriptions)*.
- Faced challenges when updating input field values and solved the issue by extensively researching *ViewChild decorators* and *ElementRef wrapper*.

**Link to site:** <https://timerofshoeb.netlify.app>

**Source Code:** [https://github.com/shoeb-gg/Timer\\_App\\_Angular](https://github.com/shoeb-gg/Timer_App_Angular)

### **IP Tracker App** | Angular v14, TypeScript, SCSS, Leaflet.Js

- Designed and developed a Leaflet.Js map which dynamically takes in latitude and longitude values and displays them accordingly on the screen. By default it shows current IP details of the user.
- Faced challenges while integrating Leaflet.Js in an angular component as there are very few tutorials.

**Link to site:** <https://trackerofshoeb.netlify.app>

**Source Code:** <https://github.com/shoeb-gg/IP-Tracker>