Mahmoud Bahaa Ali

Communication Engineer & Frontend Developer

Cairo, Egypt

+20 01020828011   mahmoudbaha125@gmail.com

mahmoudbahaa20.github.io/MahmoudBahaa/   http://linkedin.com/in/mahmoud-bahaa-85b673266

mahmoudbahaa20

👤 Professional Summary

Highly skilled and dedicated Frontend Developer specializing in modern JavaScript frameworks like **React.js** and **Next.js**, with robust command of foundational web technologies including HTML, CSS, JavaScript (ES6+), TypeScript, SCSS, Tailwindcss, and Bootstrap, Complemented by strong version control practices using **Git** and **GitHub** .I bring a disciplined, detail-oriented approach to crafting intuitive, high-performance web applications. Passionate about creating seamless user experiences and eager to contribute expertise to innovative and challenging projects.
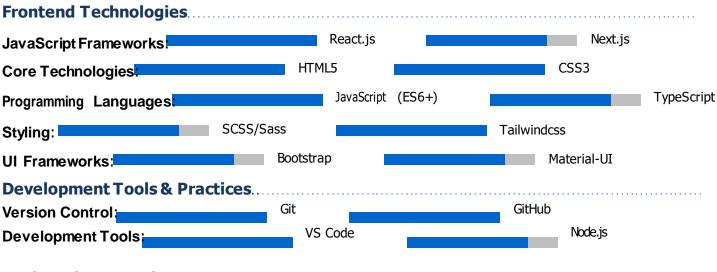
🎓 Education

Modern Academy for Engineering and Technology   **Cairo, Egypt**

Bachelor's Degree in Communication Engineering   *2018–2023*

- Graduated with GPA: 3.55/4.0 (Very Good)
- Relevant Coursework: Digital Signal Processing, Wireless Communication, Microwave Engineering, Mobile Communications.
- Senior Project: "5G Network Implementation and Analysis" - Received Excellence Award

</> Technical Skills

Frontend Technologies

Category	Skill	Skill
JavaScript Frameworks:	React.js	Next.js
Core Technologies:	HTML5	CSS3
Programming Languages:	JavaScript (ES6+)	TypeScript
Styling:	SCSS/Sass	Tailwindcss
UI Frameworks:	Bootstrap	Material-UI

Development Tools & Practices

Category	Tool	Tool
Version Control:	Git	GitHub
Development Tools:	VS Code	Node.js

Engineering & Design

Engineering Skills: Signal Processing, Network Analysis, System Architecture, Circuit Design

Design Tools: Figma, Adobe XD, Responsive Design, UI/UX Principles

Soft Skills: Problem Solving, Team Leadership, Project Management, Cross-functional Collaboration

🖥 Featured Projects

React.js, Next.js, Tailwind CSS

E-Commerce Platform   *2025*
- Developed a full-featured e-commerce platform with shopping cart, payment integration, and admin dashboard
- Implemented server-side rendering with Next.js for improved SEO and performance
- Created responsive design using Tailwind CSS with custom animations and micro-interactions

React.js, TypeScript, SCSS

Task Management Application   *2025*
- Built a comprehensive task management system with drag-and-drop functionality
- Implemented state management using React Context API and custom hooks
- Utilized TypeScript for type safety and better development experience
- Integrated local storage for data persistence and offline functionality

React.js, API Integration, Bootstrap

Weather Dashboard   *2025*
- Created an interactive weather dashboard consuming third-party APIs
- Implemented real-time data visualization with charts and graphs
- Designed responsive interface using Bootstrap with custom styling
- Added geolocation features and weather forecasting capabilities

🛡 Military Service

Egyptian Armed Forces   **Egypt**

Military Service   *2024–2025*
- Demonstrated leadership, discipline, and ability to work under pressure
- Enhanced project management and team coordination skills
- Developed strong attention to detail and systematic problem-solving approach
- **Completion Date:** 2025

🏆 Achievements & Certifications

- Cisco Certified Network Associate (CCNA)
- 5G Technology Fundamentals

🈯 Languages

Arabic: Native Speaker - Fluent
English: Fluent - Professional Proficiency

💙 Interests & Hobbies

Technology: Open Source Contributions, Learning New Frameworks, Tech Community Involvement
Engineering: IoT Projects, Signal Processing Applications, Hardware-Software Integration
Languages: Fluent communication in Arabic and English, Cross-cultural collaboration
Personal: Continuous Learning, Problem Solving, Innovation, Community Development