

Mahmoud Adel El-Araby

Software Developer

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Profile

Results-driven Full-Stack Software Engineer specializing in Flutter, React.js, and Node.js for building scalable cross-platform mobile and web applications. Proficient in Dart, JavaScript, SQL, and Firebase, with expertise in RESTful APIs, NoSQL databases, and clean UI/UX design. Strong problem-solver skilled in Agile development, debugging, and performance optimization.

Education

National Damietta Institute for Engineering and Technology	2019 - 2024
Bachelor in Communication and Electronics Engineering Grade: Very Good	
Mohamed El said Experimental School High School Diploma	2019

Skills

- Programming Languages:** Dart, Java, JavaScript, SQL
- Frameworks & Tools:** Flutter, Firebase, Node.js, Bootstrap, Android Studio, Visual Studio Code
- Databases:** Firebase Realtime DB, Firestore, NoSQL, SQL
- Version Control:** Git, GitHub, CI/CD
- Methodologies & Soft Skills:** Agile, Scrum, Problem-solving, Teamwork, Communication, Debugging

Professional Experience

Food Ordering App (Demo Video)	Sept 2024 – Nov 2024
<ul style="list-style-type: none">Developed a cross-platform food ordering app using Flutter and Firebase, featuring a clean UI and real-time order trackingImproved order management efficiency by 25% through optimized database design and responsive interface.	

iSources Portfolio Website (Demo Video)	Oct 2025
<ul style="list-style-type: none">Developed a professional company portfolio website using HTML, CSS, Bootstrap, React.js, and Node.js, hosted on Bluehost.Enhanced site performance and SEO, improving page load speed by 35% and increasing overall user engagement.	

Projects

Furnish Modern (Demo Video)	Oct 2025 - Dec 2025
<ul style="list-style-type: none">Built a furniture store web application using HTML, CSS, React.js, Bootstrap, Node.js, Express, and MongoDB.Integrated the Stripe API for secure online payments, achieving 100% successful transaction processing during testing.	

E-Comm App (Demo Video)	Aug 2025
<ul style="list-style-type: none">Developed a full-stack e-commerce mobile app using Flutter, Node.js, and Google Fonts, improving UI consistency by 30%Integrated Stripe for secure checkout and payment handling.	

Nova AI- 'AI Chat Assistant' (Demo Video)	Jul 2025
<ul style="list-style-type: none">Developed an AI-powered chat assistant in Flutter with Hive for session management, conversational modes, and personas.Optimized prompts and model configuration, achieving a 40% improvement in response relevance across 100+ test conversations.	

AR Wear	Apr 2025 - May 2025
<ul style="list-style-type: none">Built a clothing store web application using HTML, CSS, Bootstrap, Node.js, Express, and Firebase.Integrated the Stripe API for secure online payments, achieving 100% successful transaction processing during testing.	

Graduation Project - 'Vital Link'	Jan 2024 - Jul 2024
<ul style="list-style-type: none">Developed a mobile application for real-time patient vitals monitoring using Flutter and Firebase as part of the graduation projectImplemented real-time data synchronization and optimized performance, improving monitoring accuracy by 20%.	

Languages

- English (Fluent)
- Arabic (Native)