

# 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

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

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

## Projects

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

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

<b>Nova AI- 'AI Chat Assistant'</b> ( <a href="#">Demo Video</a> )	Jul 2025
<ul style="list-style-type: none"><li>• 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.</li></ul>	

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

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

## Languages

- English (Fluent)
- Arabic (Native)