

# Ahmed Medhat

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## Summary

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Full Stack Developer specializing in Node.js and React, with strong experience in designing and delivering scalable web applications. Skilled in TypeScript, Express, and NestJS for backend development, and React with Tailwind CSS for modern, performant frontends.

## Education

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**University of Faiyum**  
*Bachelor's Degree in Computer Science*

*Oct 2018 – Jul 2022*

## Experience

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**Software Developer at Damen ePayment**

*Nov 2024 – Mar 2025*

- Designed and optimized database schemas (MySQL, MongoDB).
- Developed RESTful and GraphQL APIs using Node.js, TypeScript, Express, and NestJS.
- Collaborated with frontend teams to integrate APIs.

**Software Engineer at National Data Management**

*Aug 2022 – Dec 2022*

- Worked on automation tools for PDF segmentation and extraction.
- Implemented efficient data classification pipelines and optimized performance for document workflows.

## Projects

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**VIENTO – E-commerce Platform**

*viento-repo*

- Developed a full-stack e-commerce platform with authentication, Redis caching, and Stripe integration.
- Designed scalable backend with Express.js and MongoDB (Mongoose), and modern responsive frontend with React, Redux, and Tailwind CSS.
- Implemented RESTful APIs and optimized database queries for improved responsiveness and reliability.

**Intertaskellar – Task Management App**

*intertaskellar*

- Web-based productivity app for managing and organizing personal tasks.
- Stack: TypeScript, React, Zustand, Tailwind CSS.

**SchemaFlow – SQL Schema Visualizer**

*SchemaFlow*

- Interactive tool to transform SQL schemas into connected diagrams using React Flow.
- Stack: React, Chakra UI, React Flow.

**Chattut – Real-Time Chat App**

*chattut*

- Built a minimalist real-time chat application using WebSockets for instant communication.
- Designed modular React frontend with Zustand state management and Tailwind CSS for UI consistency.

**Personal Portfolio**

*ahmedhat-portfolio*

## Skills

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**Languages:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3

**Backend:** Node.js, Express.js, NestJS, REST, GraphQL, JWT, WebSockets

**Frontend:** React, Next.js, Redux, Zustand, Tailwind CSS, React Flow

**Databases:** MySQL, PostgreSQL, MongoDB, TypeORM, Mongoose, Redis

**DevOps & Tools:** Git, GitHub, Docker, Linux

**Testing:** Jest, Postman