# Muhammad Abdelaty

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### Education

## Modern Academy Al-maadi

Bachelor in Computer Science

Aug. 2024 – Jun 2028 Cairo, Egypt

Relevant Coursework

• Algorithms Analysis

• Data Structures

Artificial Intelligence • Machine Learning

• Front-end Development • Back-end Development

• Database Management

## Experience

## Pathline Academy Internship

Apr 2025 - May 2025

Full-Stack Intern

Cairo, Egypt

- Built a full-stack web application from scratch during an internship at Pathline Academy using MERN stack (MongoDB, Express.js, React.js, Node.js), showcasing skills in both frontend and backend development.
- Leveraged strong self-learning and research abilities to solve real-world development challenges without external guidance, focusing on debugging, deployment, and system integration.
- Applied Git and GitHub for version control and collaborated on project tasks independently, simulating a real-world development environment.
- Designed and implemented essential features such as user authentication, CRUD operations, and responsive UI despite limited prior experience, and was selected among the top 3 interns for performance.
- Demonstrated adaptability and initiative by quickly learning new concepts, improving project design under pressure, and incorporating feedback into development cycles.

## **Projects**

June 2025

- Portfolio Website | React.js, Tailwind CSS, Framer Motion, EmailJS \* Designed and built a fully responsive personal portfolio website from scratch using React and Tailwind CSS.
  - \* Implemented dynamic sections such as Projects, Experience, Skills, Contact, and Certificates with smooth animations using Framer Motion.
  - Integrated EmailJS to handle contact form submissions and send messages directly to my email inbox.
  - \* Focused on clean UI/UX design with accessibility, mobile responsiveness, and performance optimization.

Mandoob E-commerce Platform | React.js, Node.js, Express.js, MongoDB, Redux, Stripe API June 2025 - Present \* Developing a large-scale multi-functional e-commerce website inspired by platforms like Amazon, supporting real product listings, checkout, and payment workflows.

- \* Built secure user authentication system with role-based access for users and admins using JWT and bcrypt.
- \* Integrated online payment gateway via Stripe API and added support for multiple languages (English Arabic).
- \* Implemented an admin dashboard for managing users, products, orders, and analytics in real time.
- Structured the system to handle three separate roles: User, Admin, and Blog Author, each with custom permissions and dashboards.
- Currently focusing on advanced UI design, clean architecture, and responsive layout to ensure a seamless user experience across devices.

#### Technical Skills

Languages: HTML/CSS, JavaScript, TypeScript, Python

Libraries: scikit-learn, TensorFlow, PyTorch, fastai, NumPy, Pandas, Matplotlib, Keras

Frameworks: React. js, Next. js, Node. js, Express, MongoDB, PostgreSQL

Technologies:Git, GitHub, VS Code