

AbdAlrhman Mohamed Shelbaya

Software Engineer | Fullstack Developer

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🔗 githubUrl 🌐 LinkedInUrl

PROFESSIONAL SUNMMARY

Highly motivated and skilled Full-Stack Developer with experience in building scalable web applications. Proficient in a wide range of technologies, including JavaScript, React, Node.js, Nest JS, Sequelize ORM and MongoDB. Strong problem-solving abilities and a passion for continuous learning. Seeking opportunities to leverage my skills in a dynamic team environment. To explore my projects and achievements in detail, please visit my LinkedIn, GitHub, Personal Website.

EDUCATION

Bachelor of Computer Science, <i>Faculty of Computers and Information, Mansoura University</i> Expected Graduation: 2027	2024 – 2027 Al Mansurah, Dakahlia
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Relevant Coursework: Data Structures, Algorithms, Web Development, Database Management, Machine Learning

Node.js Full-Stack Development Course, Amit – Node.js Full-Stack Completed an intensive Node.js full-stack development training program.	2025 Cairo,Egypt
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Built RESTful APIs using Node.js and Express.js.

Developed responsive user interfaces using React.js.

Worked with MongoDB and Mongoose for database design and data modeling.

Implemented authentication and authorization using JWT.

Integrated frontend applications with backend APIs.

Followed MVC architecture and best practices.

Used Git and GitHub for version control and collaboration.

PROFESSIONAL EXPERIENCE

Full Stack Developer (Node.js & React)

- Developed a full-featured e-commerce platform with React for the frontend and Node.js/Express for the backend.
- Built a Student Management System using NestJS and Node.js, implementing modular architecture and RESTful APIs.
- Designed and implemented responsive user interfaces with React and Material-UI.
- Managed backend services including authentication, authorization, and database integration (MongoDB/MySQL).
- Used Git for version control and deployed projects on Heroku and Netlify.

Projects

Authentication System

11/2025

Developed a comprehensive authentication system using Express.js with cluster setup for high availability. Implemented secure user registration, login, password reset, and role-based access control. Utilized MongoDB for database management, ensuring scalability and fault tolerance.

Student Management System

11/2025

Built a full-featured student management system with NestJS framework. Features include student enrollment, attendance tracking, grading, and reporting modules. Designed with modular architecture and used TypeORM for database integration, focusing on maintainability and performance.

E-Commerce Platform

09/2025


Developed a responsive e-commerce web application using React.js for front-end. Implemented product catalog, shopping cart, user authentication, and order processing. Employed modern state management techniques and integrated RESTful APIs with Node.js backend for seamless user experience

SKILLS

Programming language

javascript, Nodejs , Scale, Typescript, java

Backend

Node (Express), Nest JS, JWT, Nodemailer, Socket.io  , REST AP

Version Control

Git, Github

Soft skills

Organizational Skills, Attention to Detail, Verbal Communication, Problem-Solving, Team Collaboration, Maintenance

Web development

Frontend Fundamentals

HTML, CSS, Bootstrap, Sass, XML

Frontend Libraries

Framer-motion, React-bootstrap, React-router(V5/6), React-Query, React-redux & @Redux-toolkit, Swiper.js, @React-oauth

Database

SQL, PostgreSQL, MySQL, Mongo, ORM - Sequelize - TypeOrm

Communication skills

ADDITIONAL INFORMATION

Languages

Native Arabic, Fluent English

Technical Skills

Git, REST APIs, JWT, Bcrypt Authentication

Soft Skills

Problem-solving, teamwork, adaptability

Tools

VS Code, Postman, Heroku, Netlify

Certificates

- Full Stack Node.js
Development — AMIT
LEARNING