Mahmoud Ali
Backend Developer (Node js, Php)

+2 01143236472 | mahmoudali9877@gmail.com | [LinkedIn](#) | [GitHub](#) | Maadi, Cairo, Egypt

Professional Summary:-

Backend Developer with 2+ years of hands-on experience in building secure, scalable applications using Node.js and Laravel. Proficient in designing RESTful APIs, implementing authentication systems, real-time features, and optimizing databases. Strong foundation in OOP, data structures, and algorithms. Currently contributing to backend development for real-world medical and automotive solutions during Laravel training in Cairo. Passionate about writing clean, maintainable code and solving real business problems through reliable backend architecture.

Experience: -

Position: Backend Developer | Company: Media Serve | Duration: May 2025 – Present

Projects: -

Pro TV / beIN Sports

- Developed a backend system for a media production company delivering broadcast services to beIN Sports.
- Built a modular production management platform to streamline operations for Pro TV, enabling precise control over projects, departments, staff, freelancers, suppliers, equipment, OB vans, and financials.
- Designed and implemented core features for cost tracking, petty cash, and invoicing using Laravel and MySQL.
- The system improved production planning, enhanced financial visibility, and significantly reduced operational overhead by centralizing expense management and resource allocation.

Doccure Clinic System:

- A complete appointment booking platform for clinics, built using Laravel and Blade.
- The system supports separate login portals for both doctors and patients. Patients can browse available doctors, view profiles, and directly book appointments with the doctor of their choice.
- The platform also includes full doctor and patient management, appointment scheduling, and an admin panel to control clinic operations.

Garage Management System:

- A Laravel and Blade-based system designed to manage all aspects of vehicle servicing within a garage.
- The platform allows staff to log new service requests, assign mechanics to tasks, track each vehicle's full-service history, and handle billing and payment operations.
- It streamlines daily workflows, improves task allocation, and enhances customer experience through organized and trackable service processes

Eve Employee AI Assistant: (Freelance)

Tech Stack: Next.js, Node.js, Express, Sequelize (MySQL), Cohere AI API, JWT, Joi

- Built a smart assistant platform that enables organizations to create and interact with AI-powered virtual employees.
- Implemented document upload functionality allowing the AI to process and learn from internal content for context-aware responses.
- Enabled real-time, multilingual chat experiences using the Cohere AI API.
- Integrated secure, role-based authentication using JWT, and dynamic file management for intelligent access and storage.
- Applied robust input validation using Joi to protect against invalid or malicious data in API requests.

FastUp – Logistics Backend System (Freelance)

Tech Stack: Node.js, Express, Supabase, JWT

- Built a backend system for a logistics company where admins assign shipments to drivers.
- Drivers update their location at every checkpoint, sending real-time status updates to the admin panel.
- Admins monitor shipment progress and can identify delays or issues in real time.
- Used Supabase for authentication and database handling; JWT for secure route protection

Book Saw Store (Personal Project)

Tech Stack: Node.js, React.js, MongoDB, Stripe, JWT

- Built a commercial bookstore with full e-commerce capabilities using the MERN stack.
- Implemented secure JWT-based authentication with role-based access control, encrypted passwords, and protected routes.
- Developed an admin dashboard for full CRUD operations on books, categories, brands, users, and orders.
- Integrated Stripe for payment processing and Cloudinary for image/media storage.

E-commerce Platform (Personal Project) (Backend Only)

Tech Stack: Node.js, Express.js, MongoDB, JWT, Multer

      • Designed and developed the backend for a full-featured e-commerce platform using Node.js and Express.js with a modular architecture for scalability and maintainability.

      • Implemented secure user authentication and authorization using JWT, including registration, login, and email verification flows.

      • Developed RESTful APIs to support product listing, category-based filtering, keyword search, and pagination for optimized browsing performance.

      • Integrated Multer for handling product image uploads with validation and storage configuration.

      • Built robust error handling middleware and input validation to ensure API reliability and user safety.

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TECHNICAL SKILLS: -

- **Languages**: JavaScript (ES6+), TypeScript, PHP.
- **Frameworks**: Node.js, Express.js, NestJS, Laravel, Socket.IO, WebSocket.
- **Databases**: MongoDB, MySQL, PostgreSQL, Supabase, Mongoose, Sequelize, TypeORM.
- **Authentication & Validation**: JWT, OAuth2, RBAC, Joi.
- **Cloud & DevOps**: Docker, AWS (S3, EC2), Cloudinary, Stripe.
- **Frontend**: React.js, HTML5, CSS3, Bootstrap,
- **Tools**: Git, GitHub, Postman, Swagger.
- **CS Fundamentals**: OOP, Data Structures, Algorithms.

Education: -

B.A. in Languages and Translation

Faculty of Languages and Translation, Mokattam – Cairo, Egypt