

RAED AL MASRI

Software And Information Systems Engineer | Backend Developer

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SUMMARY

Results-oriented backend developer with 2+ years of experience building scalable and maintainable applications using Node.js frameworks (NestJS, Express.js, Next.js, AdonisJS), microservices, and databases (MySQL, PostgreSQL, MongoDB). Proficient in real-time development (Socket.IO), analytical problem-solving, and collaborative team environments. Dedicated to delivering high-quality solutions.

WORK EXPERIENCE

YES For Online Services ([LINK](#)), Syria | Backend Developer Oct 2023 – Jan 2025

- Developing and maintaining robust back-end systems for multiple applications and websites for Yes For Online Services. Advanced technologies, Agile methodologies, and microservices to ensure scalability and high performance, while enhancing the user experience
- NestJS, Express.js, Next.js Restful, MySQL, TypeScript, JavaScript, Microservices, Real-Time (Socket.IO), Cron Job, SQLite, Sequelize.js, GitHub, GitLab, Postman

Freelancer Projects, Remote | Backend Developer Apr 2022 – Oct 2023

- A highly experienced freelance web developer specialising in building robust and scalable applications. Proficient in Express.js, MySQL, and MongoDB, with expertise in multi-database management and optimisation. Consistently delivers high-quality solutions exceeding client expectations by effectively managing complex projects and adapting to dynamic requirements.
 - Express.js, MySQL, TypeScript, JavaScript, Jest, Cron Job, JSDOC, Swagger, JWT, Sequelize.js, GitHub, GitLab, Postman
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EDUCATION

Bachelor of Science in IT Engineering (Software and Information Systems) **Homs University, Homs, Syria**
(June 2019 – August 2024)

PROJECTS

Esimly Application & Dashboard 'Arab Emirates' ([LINK](#)) Freelancers – Sep 2024 to July 2024

- Developed the eSimly application, a user-friendly platform for purchasing and managing eSIMs. Implemented secure payment processing (PayPal, credit cards) and streamlined user registration via Google authentication. Created a robust administrative dashboard for comprehensive system monitoring and management.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Maher Ai App 'Syria' University Project – June 2024 to July 2024

- Developed the Maher AI app, an Arabic literacy app for children featuring personalised learning plans, interactive modules, and engaging gamified exercises. Achieved 99% AUC and 93% test accuracy using advanced machine learning techniques (transfer learning and classification algorithms) following robust data preprocessing and feature engineering.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman, Python, TensorFlow

Help center website & Dashboard 'Syria' ([LINK](#)) YES Company – Aug 2024 to Oct 2024

- Developed a comprehensive multilingual Help Center website and admin dashboard (Syria). Implemented advanced search functionality with filtering, enabling efficient article management (creation, editing, deletion) and dynamic language support via a streamlined control panel.
- NestJS, MySQL, Redis, TypeScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Yella Chat app server side 'Syria' Freelancers – Jun 2024 to Sep 2024

- Architected and developed the scalable, high-performance backend for Yella Chat, a feature-rich chat application. Leveraged Express.js and Socket.IO to deliver a robust REST API supporting real-time communication (instant messaging, presence updates, file sharing), secure user authentication, and a comprehensive content management system for articles (creation, editing, deletion, rich media support)
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

iDBOOK Realtime Application with Landing page 'Syria' ([LINK](#)) YES Company – May 2024 to Aug 2024

- Contributed to developing a high-performance e-commerce platform, focusing on backend development. Implemented real-time features using Socket.IO, and enhanced the search functionality with advanced filtering options, improving the overall user shopping experience. Also participated in the development of the website landing page.
- Express.js, Socket.IO, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Lyk Group Estates & Dashboard 'Turkey' ([LINK](#)) Freelancers – Feb 2024 to Mar 2024

- Developed key features for the Lyk Group Estates & Dashboard, a multi-lingual real estate platform designed to maximize property visibility and user engagement. Contributed to implementing advanced filtering systems and a dynamic content management system (CMS), enabling effortless content updates and streamlined user experience.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Fresh fish market website 'Saudi Arabia' ([LINK](#))

Freelancers – Dec 2023 to Jan 2024

- Transformed a static restaurant website into a dynamic online platform featuring an interactive menu, dynamic pricing, and a CMS for easy content updates, boosting customer engagement and showcasing the restaurant's offerings.

Team Management Application & Dashboard 'Syria'

YES Company – Nov 2023 to Feb 2024

- Developed a team management application ("Syria") using Node.js, Next.js, and Socket.IO, improving team collaboration and productivity through real-time task updates and integrated chat functionality. (YES Company, Nov 2023 - Feb 2024)
- NextJS, MySQL, Redis, TypeScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Animal Farm Management Dashboard 'Syria'

University Project – Jun 2023 to Aug 2023

- Developed a user-friendly farm management website that streamlines operations, boosts productivity, and enhances efficiency through intuitive animal and employee management tools and data-driven insights. Includes a scalable RESTful API.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Medical Health & Dashboard 'Oman'

Freelancers – May 2023 to June 2023

- Developed a secure, blockchain-based patient data management platform with a user-friendly interface, streamlined workflows, and secure data-sharing capabilities via a RESTful API, enhancing patient privacy and healthcare collaboration.

Secure payment & Dashboard 'Oman'

Freelancers – Apr 2023 to Jun 2023

- Developed a secure, blockchain-based payment platform for Oman using RESTful APIs. Enhanced transaction security, data integrity, and financial efficiency.

Cheaper Application & Dashboard 'Syria' ([LINK](#))

Freelancers – Jul 2022 to Oct 2022

- Developed a gift platform connecting users with daily deals and empowering businesses with a robust dashboard for sales and engagement analytics, driving smarter marketing decisions.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

Raived For manages educational centers 'Syria' ([LINK](#))

Freelancers – Oct 2022 to Mar 2023

- Managed and optimized operations for multiple educational centers, overseeing training course schedules, multi-database management, and classroom resource allocation.
- Express.js, MySQL, Redis, JavaScript, Cron Job, JWT, Sequelize.js, GitLab, Postman

SKILLS

-Programming Languages:	JavaScript (ES6+), TypeScript
-Backend Frameworks:	Node.js (Express.js, NestJS, Nextjs RESTful API design)
-Database Technologies:	Relational Databases: MySQL, PostgreSQL, SQLite, - NoSQL Databases: MongoDB, Redis
-ORM/ODM:	Sequelize.js, Prisma
-API Design & Documentation	Swagger/OpenAPI, JSDoc
-Version Control	Git (GitHub, GitLab)
-Project Management Tools	Jira, Trello, Notion
-Real-time Communication	Socket.IO
-Libraries:	Microservices, Docker, Cron Job, JWT
-Tools:	Git, GitHub, GitLab, Jira, Postman
-Operation Systems:	Operating Systems: Linux (Ubuntu), Windows
-Software Engineering Practices & Principles:	Object-Oriented Programming (OOP), Clean Code Principles (SOLID, DRY, KISS), Design Patterns (Singleton, Factory, Observer), Design pattern, UML, ERD, Performance Optimization, Security Best Practices
- Soft Skills:	Problem-solving, Communication, Collaboration/Teamwork, Time management, Adaptability/Learning

ACTIVITIES

- **LeetCode:** Solved over 100 problems across easy, medium, and hard difficulty levels, focusing on database and JavaScript challenges ([LINK](#))
- **Codeforces:** Solved 215 Problems Including Easy, Medium and Hard difficulty levels ([LINK](#))
- **ACPC 2022:** Ranked 26th out of 70 participants from Al-Baath and Hama Universities (January ([LINK](#)))
- **ACPC 2021:** Ranked 20th at Al-Baath University (January 11th) ([LINK](#))
- **Typing:** Proficient in blind typing with a speed of 92 words per minute
- **Creativity & Innovation:** Awarded the Al-Bassel Certification in Creativity and Invention (Syria, September 2023) ([LINK](#))
- **Academic Excellence:** Achieved 3rd rank in my city and 20th rank nationwide in my third year of high school (July 2019) with a 94% average. ([LINK](#))

LANGUAGES

- **Arabic:** Mother Tongue
- **English:** Intermediate