Jaafar Mazen Al-Rifai

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Professional Summary

Highly motivated Computer Science graduate with a strong foundation in web development, systems management, and technology solutions. Proven track record of improving website performance, reducing operational costs, and enhancing user engagement. Seeking a challenging role as a Full Stack Web Developer where I can leverage my technical expertise to drive organizational success.

Experience
Web Developer
Al Hayat Toys
2022-2024

- Led the development and maintenance of Al Hayat Toys' e-commerce platform using React, Node.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, SCSS, and MongoDB, resulting in a 30% increase in user engagement and 25% boost in brand visibility.
- Architected and implemented a scalable front-end using React with state management via Redux and Context API, improving code maintainability and optimizing user interfaces across mobile and desktop platforms.
- Developed dynamic and high-performance back-end services with Node.js, Express, and GraphQL, ensuring smooth integration between front-end and back-end, with real-time inventory management and user interaction capabilities.
- Optimized website performance, reducing page load times by 40% by employing front-end and back-end optimizations, including lazy loading, server-side rendering (SSR), and code splitting.
- Implemented real-time features using WebSockets to provide instant notifications on promotions, orders, and inventory updates, enhancing user experience and engagement.
- Integrated third-party services, such as Stripe for secure payment processing and AWS S3 for media storage, enhancing platform functionality and flexibility.

- Implemented API security with JWT and OAuth2 protocols to ensure secure authentication, authorization, and data protection across the platform.
- Managed system infrastructure for front-end services, overseeing server monitoring, troubleshooting, and application performance optimization, maintaining 99.9% uptime.
- Developed and deployed automated tests using Jest and React Testing Library, achieving 90% test coverage and significantly reducing post-deployment bugs.
- Utilized TypeScript to improve code safety, reduce runtime errors, and enhance the development process, particularly in handling complex back-end logic and React components.
- Collaborated with cross-functional teams, including designers and QA specialists, to introduce new features and enhance user experience, reducing the bounce rate by 15% and boosting customer retention.
- Mentored and guided a team of 5 junior developers, providing insights on best practices for React, Node.js, and system security protocols, ensuring high standards and efficient project delivery.
- Led the creation and deployment of a CI/CD pipeline using Git, Jenkins, and Docker, automating build, test, and deployment processes to accelerate product delivery.
- Managed and optimized database architecture for MongoDB, ensuring efficient querying, highavailability, and fast transaction processing for the platform's product catalog and user data.

Education

Bachelor of Computer Science
Cnam France   2024

Certifications

- **Master Node.js & Deno.js** – *Udemy, 2024*
  Gained expertise in Node.js, Deno.js, RESTful APIs, GraphQL, authentication techniques, and database management with SQL and NoSQL.
- **React - The Complete Guide (incl Hooks, React Router, Redux)** – *Udemy, 2024*
  Gained expertise in **React.js**, **React Hooks**, **Redux**, **Next.js**, and performance optimization techniques to build dynamic, scalable web applications.

- **Management Leadership Skills** – Certified in 2023

Specialized in decision-making, effective communication, team building, and strategic thinking.

- **Mobile Application and Technology** – 2023

Proficient in mobile internet-based technologies.

- **CCNA7: ITN Cisco** – Certified in 2022
- **Python Programming Course** – Udemy, 2022

Technical Skills Programming Languages & Frameworks

- **Languages**: PHP, HTML, JavaScript, CSS, Java, Python, PL/SQL, TypeScript, Node.js, Deno.js,Laravel, React.
- **Backend Development**: Expertise in building RESTful APIs and GraphQL APIs using Node.js and Deno.js.
- **Authentication & Authorization**: Advanced knowledge of session management, cookie handling, password encryption, and user authentication with JWT.

Web Development

- Building server-side applications and integrating frontend-backend functionalities using the MVC pattern.
- Experience with handling file uploads and generating PDF files through backend logic.
- Implementation of real-time communication with WebSockets.
- Expertise in automated testing, error handling, and debugging complex applications.

Database Management

- **SQL (MySQL, PostgreSQL)** and **NoSQL (MongoDB)**: Database design, optimization, querying, and managing relational and document-based databases.
- Expertise with **ORMs** like Sequelize and Mongoose for handling complex database relationships.

Network & Infrastructure Management

- **LAN/WAN** configuration, VLAN segmentation, and network security implementations.
- Expertise in network troubleshooting, managing VLANs, and subnetting for enterprise systems.