Anas Hamdi Osman

Software Developer

✉ anashamdiosman@outlook.com 📞 +971561660073 📍 Dubai, UAE ⬡ Github 🔗 Portfolio

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PROFILE

Experienced software developer with almost **five years** of intensive experience in front-end and back-end development. Primarily focused on using the MERN stack, specializing in **Node.js**, **Next.js**, and **React.js** technologies. Proficient in building robust, scalable applications that enhance user engagement and streamline business processes.

SKILLS

Front-end
React.js, Next.js, Basic React-Native, HTML, CSS, JavaScript, TypeScript, Bootstrap, Tailwind CSS, MUI, Shadcnui, Redux, SASS, SCSS

Programming Languages
JavaScript, TypeScript, PHP, Basic Java

DevOps
Ubuntu, AlmaLinux, AWS(RDBMS, EC2, Amplify), Docker.

Other
NPM, webpack, RESTful APIs, JWT, Oauth, Figma, Miro, SEO, Google analytics, Agile development

Back-end
Node.js, Nest.js, PHP, Sequelize JS, TypeORM, Express.js, Node-mailer, Mongoose

DBMS
SQL (MySQL, PostgreSQL), No SQL (MongoDB).

Version Control
Git, TortoiseSVN.

PROFESSIONAL EXPERIENCE

Software Developer   04/2025
Bin Yaber Driving Institute 🔗   Dubai, UAE
- Worked on the Student Portal, enhancing UI/UX and ensuring optimal functionality and user experience.
- Developed core modules for a new Next.js-based Facility Management System (FMS), significantly improving system performance and overall usability.
- Led full SDLC efforts from requirement analysis and system design to development, testing, deployment, and post-launch support.
- Replaced the legacy front-end with a modern, intuitive interface built with Next.js to enhance responsiveness and maintainability.
- Managed server deployments and release processes to ensure smooth transitions, high availability, and minimal downtime.
- Collaborated with cross-functional teams to gather requirements, align technical solutions with business needs, and successfully integrate new features.

Software Developer   10/2022 – 04/2025
Jadwelny 🔗   Dubai, UAE
- **E-Commerce and Payments Integration:** Designed and implemented the website, integrating **Stripe** and **Ziina** for payments alongside a third-party hotels API, enhancing transaction efficiency and user experience. Achieved a **75% increase in sales** by streamlining payment processes.
- **Social Media Optimization Tool:** Built a tool for seamless picture and video uploads to **AWS S3 Bucket**. Implemented photo compression and thumbnail creation, boosting image loading speeds by **80%**, significantly enhancing user engagement.
- **Back-End Development:** Developed a **RESTful API** using **Node.js**, **Sequelize**, and **Express.js**, which serves both web and mobile applications. This setup improved data handling and scalability of back-end functionality.

- **Database Management:** Selected **PostgreSQL** for its robust transaction management and search capabilities, effectively supporting the complex data needs of our web and mobile applications, resulting in a **15% improvement in data retrieval times**.

Software Developer
Code for computer software 🔗

06/2021 – 04/2022
Khartoum, Sudan

- **System Architecture and Development:** Managed and constructed scalable and robust components for a business process management system, guaranteeing its reliable and effective functioning.
- **Database Performance Optimization:** Monitored the **MySQL Database** to ensure maximum performance, achieving a **20% increase in efficiency** and significantly reducing system downtime.
- **Telecom Billing System Management:** Headed the management and support of a billing system for a telecom company, ensuring efficient and reliable operations. This role included overseeing system upgrades and maintenance, which enhanced overall billing accuracy and customer satisfaction.

EDUCATION

Bachelor of Science (Honors) in Information Technology
Future university

10/2016 – 02/2021
Khartoum, Sudan

COURSES

Front End Development Libraries 🔗
FreeCodeCamp

09/2022

Responsive web design 🔗
FreeCodeCamp

08/2022

Backend development and apis (NodeJS) 🔗
FreeCodeCamp

07/2022

Javascript data structure and algorithms 🔗
FreeCodeCamp

06/2022