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[Portfolio website](https://metwesh.github.io/threejs-portfolio/)

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Mohamed H. Aly

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| Experience | The Address Holding Frontend Engineer  Nov 2024 - Present   * **Internal system development:** Built and maintained CRMs and HRMs using Next.js, focusing on performance, scalability, and maintainability. * **Project ownership:** Spearheaded development of a property listing e-commerce website, authoring 85%+ of the production code. * **SEO optimization:** Implemented server-side rendering and dynamic routing to maximize organic visibility and meet SEO best practices. * **Cross-functional collaboration:** Worked closely with designers and backend teams to ensure seamless UI/UX and reliable system integration.  Sideup Senior Frontend Engineer  Dec 2023 – Nov 2024   * **Led and mentored junior engineers**: Cultivated a collaborative environment, fostering skill development and productivity. * **Hands-on coding leadership**: Prioritized efficient task distribution, tackled complex features, ensuring robust code quality. * **Stakeholder collaboration**: Provided valuable insights, aligning dashboard direction with user needs and business objectives. * **Process optimization:** Implemented initiatives to streamline workflows, enhance productivity, and ensure code efficiency and reliability.   **Sideup**  Frontend Engineer  Feb 2023 – Dec 2023   * **Led frontend development**: Spearheaded the creation of a cutting-edge B2C shipping dashboard using React, TypeScript, and Bootstrap, ensuring seamless integration with backend systems. * **Ensured optimal UX/UI**: Collaborated with UX designers to create an intuitive design, enhancing user satisfaction and usability. * **Maintained system stability**: Partnered with QA to conduct rigorous testing and debugging, ensuring high reliability and performance. * **Adapted to new tech**: Quickly mastered Next.js and Material UI to maintain and improve previous versions, demonstrating adeptness in learning new technologies.  Advanced Computer Technologies (ACT) Interface Specialist  Feb 2022 - Feb 2023   * **System Integration Expertise**: Integrated digital subsystems like Door Lock Systems, IPTV, and POS with Property Management Systems for renowned hotel chains, facilitating seamless operations. * **Agile Collaboration**: Collaborated in agile settings, prioritizing and addressing stakeholder requirements, ensuring effective communication and alignment. * **Remote Troubleshooting**: Analyzed logs and error codes to troubleshoot issues remotely, minimizing downtime and ensuring prompt issue resolution. * **Project Coordination Expertise**: Orchestrated the integration of Oracle's Opera Web Services for 480+ Intercontinental Holiday Inn Group (IHG) hotels globally within four months, demonstrating adeptness in coordinating complex projects with multiple stakeholders and ensuring timely execution. |
| Education | Bachelor of Science (B.S), Management Information Systems, GPA 3.1 July 2021  Arab Academy for Science & Technology & Maritime Transport |
| technical skills | |  |  |  | | --- | --- | --- | | * HTML5, CSS3 & SASS | * Bootstrap & Tailwind | * JavaScript | | * TypeScript | * React | * Axios | | * Redux | * React-Query | * Three.js | | * Angular | * NEXTJS | * C | | * PHP | * Node.js | * Express | | * Data structures | * Algorithms | * RESTful APIs | | * Serverless | * Unit testing | * Docker | | * MongoDB | * Redis | * MySQL | | * PostgreSQL | * Bash CLI | * Git & Github | | * Jira | * CI/CD | * Firebase | |
| PROJECTS & COURSES/CERTIFICATES | A comprehensive list of all the projects I've contributed to, including detailed descriptions and the technologies utilized, can be found in my [online portfolio](https://metwesh.github.io/threejs-portfolio/). Additionally, my completed courses and certificates are available there as well. |
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