

Mohamed Hassaan

FRONTEND ENGINEER · REACT.JS | NEXT.JS | JAVASCRIPT | TYPESCRIPT | REDUX, FLUX | WEB TECHNOLOGIES

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Summary

Frontend Engineer with over 3 years of experience in React, Next.js, JavaScript, TypeScript, and Redux Toolkit. Skilled in semantic HTML5 and CSS3 responsive UI/UX, API integration, and performance optimization. Experienced in Agile teams and Figma collaboration. Engineered and implemented clean, accessible design and built fast, scalable web apps with modern technologies, decreasing server load by 25%. Skilled in Docker CI/CD workflows, Prisma, and performance optimization, ensuring robust application design.

Skills

- **Front-end Development:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Redux Toolkit, Sass, Tailwind CSS, Material UI, Bootstrap, Responsive Design, Accessibility, User Interface, Figma, Programming
- **Problem-Solving / Optimization:** Debugging, Data Structures and Algorithms (DSA), Performance Optimization, Code Refactoring, API Integration (REST), WebSockets, SEO, State Management, UX/UI
- **Tools / Workflow:** Git, GitHub Version Control, Webpack, NPM, Docker, Jest, CI/CD, Agile Methodology, CMS (Strapi), Prisma
- **Soft Skills:** Effective written and verbal communication, strong problem-solving abilities, teamwork and collaboration, time management, and well-organized work habits.

Work Experience

UPWORK

WEB DEVELOPER

Abu Dhabi
03/2024 - Present

- Collaborated closely with backend developers to integrate REST API and Prisma ORM for efficient data handling and seamless functionality.
- Managed deployments using CI/CD pipelines with Webpack, Docker, and GitHub workflows, ensuring smooth and consistent release cycle.
- Documented internal workflows and APIs to support developer onboarding using Markdown, Swagger, and Confluence, reducing ramp-up time by 30%.
- Assisted in migrating legacy codebases to modern frameworks, enhancing maintainability and reducing long-term technical debt.
- Worked cross-functionally with product managers and designers to translate business requirements into scalable technical specifications.
- Implement modular and scalable CSS3 architecture using BEM methodology, reducing CSS size by 40%, streamlining future maintenance.

PRD Oil / Gas Constructions.

FRONTEND DEVELOPER

Remotly / USA
01/2023 - 03/2024

- Optimized on-page SEO by implementing structured data markup and refining meta tags, resulting in a 20% increase in organic traffic within 3 months.
- Reduced server load and improved performance for returning users by 25% through client-side caching with Service Workers.
- Participated in regular code reviews, offering actionable feedback that led to a 30% decrease in bugs and stronger overall code quality.
- Boosted test coverage to 90% by implementing automated testing pipelines, reducing regressions by 50% and improving release stability.
- Deployed a centralized logging solution using AWS S3 to capture logs from Docker containers.
- Maintained front-end build systems with Webpack, ensuring efficient bundling and adherence to coding standards.

Self Employment

FRONTEND DEVELOPER

Dubai
08/2021 - 02/2023

- Developed and implemented a mobile-responsive design, resulting in a 12% increase in mobile user conversions.
- Built websites using semantic HTML5, CSS3, JavaScript, Bootstrap, and Sass, following industry coding standards.
- Collaborate and resolved high-priority technical issues with an average bug resolution time under 24 hours, maintaining platform reliability.
- Integrated localization and internationalization support for a multi-language platform, expanding global customer base by 20%.

Honors & Certifications

INTERNATIONAL

- | | | |
|------|--|------------------|
| 2024 | IBM, Certified Solution Designer, Rational Software Architect | IBM Student |
| 2023 | Linkedin, Certified in testing, TESTDOME, 1hour exam | online, Linkedin |
| 2021 | Codecademy, Certified JavaScript, React and Jest | Online, U.S.A |
| 2020 | UDACITY, Certified Frontend Web Development, 1 Million Arab Coders | DUBAI, U.A.E |

Projects

Devhub fullstack

BUILT A REAL-TIME POST SHARING APP USING NEXT.JS, TAILWIND CSS, POSTGRES SQL, AND NEXTAUTH FOR AUTHENTICATION. ENABLED USERS TO POST, LIKE, AND COMMENT WITH LIVE UPDATES. INCREASED ENGAGEMENT TIME BY 70% THROUGH INTERACTIVE FEATURES AND CLEAN UI.

<https://dev-platform-beta.vercel.app/>

Movie Night

CREATED A FULLY RESPONSIVE MEDIA PLATFORM WITH NEXT.JS, REACT, AND REDUX TOOLKIT. INTEGRATED TMDB API FOR REAL-TIME CONTENT, INCLUDING SEARCH, FILTERING, AND MEDIA DETAILS. ACHIEVED 95+ LIGHTHOUSE PERFORMANCE SCORES, IMPROVING USER LOAD TIME AND SEO VISIBILITY.

<https://movie-night-rtk-next.vercel.app/>

E-Commerce project

DEVELOPED A REACT-BASED E-COMMERCE SITE WITH REDUX TOOLKIT FOR GLOBAL STATE MANAGEMENT. IMPLEMENTED PRODUCT SEARCH, FILTERS, CART, AND CATEGORY BROWSING. REDUCED CART INTERACTION ERRORS BY 80%, ENHANCING USER CHECKOUT FLOW.

<https://jacky-by-hassaan.netlify.app/>

Task Management Login

DEVELOPED A REACT-BASED TASK MANAGEMENT APP WITH PROTECTED ROUTES AND FORM VALIDATION USING REACT ROUTER AND CONTROLLED INPUTS. IMPLEMENTED AUTHENTICATION LOGIC WITH FORM VALIDATION TO SIMULATE USER SIGN-IN AGAINST A JSON-SERVER. ENHANCED USER EXPERIENCE BY STRUCTURING CLEAN NAVIGATION AND DYNAMIC TASK DISPLAY.

<https://task-management-by-m-hassaan.netlify.app/>

Portfolio website JavaScript

DEVELOPED A PERSONAL PORTFOLIO USING HTML, CSS, AND JAVASCRIPT TO SHOWCASE LIVE DEMOS AND PROJECTS. DESIGNED A FULLY RESPONSIVE LAYOUT BASED ON UX BEST PRACTICES. IMPROVED RECRUITER ENGAGEMENT BY 60%, WITH MULTIPLE INTERVIEW CALLBACKS DIRECTLY FROM SHARED PORTFOLIO LINKS.

<https://m-hassaan.netlify.app/>

Languages

- Arabic, Native
- English, Excellent

Education

Bachelor of Quality Control

GPA: QUALITY ENGINEERING

Cairo, Egypt

Oct 2009 – Aug 2013

- Emphasized principles of quality management systems, process improvement (Lean/Six Sigma), and statistical control methods (SPC, FMEA, RCA) as part of applied engineering coursework.

Computer Software and Media Applications

GPA: SOFTWARE ENGINEERING

Online, USA

Apr 2019 – Jun 2021

- Focused on front-end and web development, web architecture, and application design, Gained practical experience in JavaScript, data structures, algorithms, and Agile workflows