

Wael Hasan

Senior Full-Stack JS/TS web developer

- Experienced web developer, with 8 years of total web development experience, 6 of them using MERN stack.
- Testing enthusiast.
- LinkedIn: [linkedin.com/in/whsn/](https://www.linkedin.com/in/whsn/)
- Skills: HTML5, CSS3, Javascript, Typescript, Nodejs, Expressjs, RESTful API design, GraphQL, Reactjs, Redux, Nextjs, Jest, Cypress, Storybook, SQL, Sequelize ORM, MongoDB, Mongoose ODM, Contentful, Git, Github, Linux, Bash, Design patterns, Gulp, Socket.io, Deepstream, Redis, Docker, AWS, TypeORM, JSON, JSON schema, Mocha, Chai, Enzyme, SASS, Yeoman.
- Teamwork, Leadership, Humility, Problem-Solving, Self-starter, Pragmatic, Communication, Collaboration, Mentorship, Lifelong learner.

Employment History

Senior Full-Stack JS/TS software engineer at ANDELA, Egypt, Aswan (Remotely)

NOVEMBER 2019 – AUGUST 2022

- Exceeded team's performance expectations by working at least 2 times faster than expected, and when we had tighter deadlines, worked ~ 4 times faster, while maintaining the same quality and test coverage.
- Spread the culture of having extensive test suites for our projects. For example: created a test suite for one of the projects with more than 1500 test cases.
- Enhanced team leading capabilities, e.g. discussing the design with stakeholders and designers, and creating personal Jira tickets and for other team members.



Details

Aswan, Egypt
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- 5 main projects:
 - GRAPHQL LAYER: Allowed different front-ends (Web and Mobile) to call a single back-end layer, which in turn takes care of calling individual specialized RESTful back-end services, ...etc.
 - Later, enhanced the performance of the GraphQL queries by a median of ~ 50%, by having an advanced caching layer.
 - Full e2e tests coverage.
 - COMMUNITY ADMIN: An internal App for administration tasks related to Wunder App community. Was a main contributor (wrote more than 40% of the codebase). Achieved ~ 90% of e2e test coverage.
 - CONTENTFUL-CHAMELEON: Succeeded in mocking Contentful's RESTful/GraphQL APIs, by creating this unique package. Which is used in e2e tests of other projects.
 - Raised the productivity by enabling the e2e tests to work without hitting a real Contentful instance, which at least made the e2e tests as (roughly) 5 times faster.
 - CAMGEN: A yeoman generator for creating new web front-ends that depends on a specific Contentful structure, and creates that structure on Contentful on behalf of the developer.
 - Decreased new projects' initial setup from ~ 2 hours to just ~ 5 minutes, which is ~ 24X, with a 100% trust of correctness.
 - MOSAIC: A Contentful web App which allows content creators to add data that belongs to not-predefined content types, with advanced features like preview, which pushed up the productivity ~ 2X.

Senior Full-Stack Javascript software engineer at INDEX GROUP, Ismaeileia, Egypt (Onsite)

OCTOBER 2018 – OCTOBER 2019

- lift up the productivity of the whole team, by creating a CLI tool that generates most of the code needed for RESTful end-point (only non trivial logic is not generated).
- That tool heightened productivity by more than 90%, giving the team the needed time to concentrate on the challenging parts.
- Mentored 2 junior developers in the team to up there technical level.

Senior Full-Stack software engineer at ASMA SYSTEMS, Riyadh, KSA (Onsite)

JANUARY 2015 – FEBRUARY 2018

- Smashed the performance expectations of the team, by doing 2X the expectant performance, while ensuring building reliable well programmed solutions.
- Main projects:
 - DIRECTED INSPECTION: A big project for the ministry of labor, inspection department (serving thousands of inspectors).
 - Also, developed several subsystems to automate, guide, and increase the productivity of inspection department.

Junior Java EE developer at TRUMEGA TECHNOLOGY SOLUTIONS, Cairo, Egypt (Onsite)

AUGUST 2014 – DECEMBER 2014

Education

Bachelor of electrical engineering at Aswan faculty of engineering and technology, Egypt, Aswan

- Electrical department, Computer and systems branch
- Total grade: good (73.18%). Grade of graduation project: excellent