
DALIA ALY

SENIOR SOFTWARE DEVELOPER

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WEBSITES

- GITHUB: <https://github.com/daliaalymohamed>
- Portfolio: <https://daliaalyportfolio.netlify.app/>

SUMMARY

Senior Software Developer with over 9 years of experience in designing, developing, and maintaining innovative software solutions. Expert in full-stack web development, systems design, and project management. Thrives in collaborative environments to deliver exceptional results and continuously learn new technologies. Committed to improving processes and creating user-centered applications.

SKILLS

- | | |
|---------------------------------------|----------------------------------|
| ○ React.js development | ○ Node.js |
| ○ Next.js | ○ GraphQL query optimization |
| ○ JSON Web Token expertise | ○ Open Object Framework “Odoo” |
| ○ Proficient in Passport.js | ○ Proficient in Express.js |
| ○ Containerization expertise “Docker” | ○ PostgreSQL database management |
| ○ Database management with MongoDB | ○ Redux state management |
| ○ RESTful API development | ○ MySQL database management |
| ○ Version control expertise "Git" | ○ Material-UI |
| ○ Tailwind | ○ Bootstrap |
| ○ Redis | ○ MeiliSearch |

WORK HISTORY

Senior Software Developer, Aug 2014 – June 2025

Central Department For Digital Community Development – New Administrative Capital

- Led end-to-end software development life cycle by gathering user requirements, designing scalable architectures, and delivering tailored solutions that improved system usability by 30%.
- Identified performance bottlenecks in legacy systems and recommended strategic upgrades, resulting in a 25% improvement in application speed and maintainability.
- Architected modular full-stack applications, ensuring seamless integration between frontend, backend, and database components.

- Conducted regular code reviews and implemented testing, reducing post-deployment bugs by 40% and increasing system uptime.
- Authored comprehensive technical documentation and managed Git-based source control workflows to ensure traceability, scalability, and ease of future enhancements.
- Partnered closely with product managers, UX designers, and DevOps engineers to deliver high-quality features on time and within scope using Agile methodologies.
- Developed and optimized high-traffic government websites using React.js and Node.js, ensuring 99% uptime and optimal user experience across devices.
- Revamped and enhanced the Kenanaonline portal using modern CMS tools, increasing monthly traffic engagement by 35%.
- Evaluated and integrated emerging technologies into production environments, improving API performance and deployment efficiency.
- Engineered custom ERP modules using Odoo, streamlining business operations and reducing manual data entry by 50%.
- Diagnosed and resolved critical production bugs in real-time, ensuring minimal downtime and maintaining user trust on public-facing platforms.
- Enforced strict adherence to W3C standards and accessibility guidelines, ensuring cross-browser compatibility and consistent user experience.
- Optimized websites for SEO best practices and cross-browser support, boosting organic search visibility and broadening audience reach.
- Acted as a key liaison between development teams and department leadership, providing regular updates and aligning technical strategy with organizational goals.
- Tracked and reported progress on 30+ active tasks using Jira, ensuring timely delivery and stakeholder transparency.
- Stayed current with evolving tech trends in full-stack development and contributed to internal knowledge bases, improving team-wide understanding and adoption of new tools.
- Proactively supported ad hoc requests, including mentoring junior developers and contributing to cross-team initiatives.

EDUCATION

9-Month Diploma: Open Source Department, Sep 2013 – Jun 2013

Information Technology Institute - Smart Village

KNOWAY course (Make a choice, Goal setting & Winning others sessions)

Bachelor of Commerce: Business Information System, Sep 2008 – Jun 2012

Helwan University - Giza, GZ

- Graduation Project Grade: Excellent
- Last Year Grade: Excellent , GPA: Excellent

High School: Sep 1995 – Jun 2008

Aziz Abaza Language School - Cairo, C

ACCOMPLISHMENTS

Telemid Ticketing System 2024

Role: Supervisor

Tech Stack: React.js, Redux, Node.js, MongoDB, Express.js, JWT, Material-UI, Docker

- Led the development of a containerized ticketing platform for internal use.
- Applied Docker for scalable deployment and efficient environment management.

Ta2heel Web & Mobile Application 2021 – 2025

Role: Developer

Tech Stack: React.js, React Native, Node.js, MongoDB, JWT, websockets, Bootstrap

- Built accessible web and mobile platforms to support national employment services.
- Implemented real-time updates using WebSockets.

Kenanaonline PWA Portals 2021 – 2022

Role: Developer

Tech Stack: React.js

- Maintains and updates the front-end of Kenanaonline portals using React.js.
- Ensures ongoing functionality and user interface consistency for high-traffic content delivery.

GTA Portal – Giza Tourism Administration Jun 2016 – Jul 2016

Role: Developer

Tech Stack: Open Object Framework, PostgreSQL

- Developed and customized tourism administration modules using Odoo 8.

Payment System – “PSU” 2015 - 2016

Role: Developer

Tech Stack: Open Object Framework, PostgreSQL

- Implemented a payment and accounting module using Odoo 8.