**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 |

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.