

Omar Soliman

Software Engineer

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SUMMARY

Software Developer with 3+ years of experience building dynamic, scalable applications using modern JavaScript technologies like Node.js, React, and Next.js. Skilled in creating user-friendly solutions that enhance experiences and drive growth.

EXPERIENCE

DID.coop Nov '24 – Present
Software Engineer United States

- Developed cross-domain data portability for the Hollo ActivityPub server, enabling smooth user migration (profiles, posts, followers) across federated servers.
- Built secure export/import features with Hono, Bun, PostgreSQL, and Drizzle ORM; incorporated wallet-linked encrypted storage.
- Created a CLI tool for validating Activity Streams 2.0 tarball files, ensuring protocol compliance and reliable data processing.
- Utilized Sentry for debugging and error tracking, helping identify and resolve issues in production environments more efficiently.

Linked Trust Dec '23 – May '25
Software Engineer United States

- Led fullstack development of a credential verification platform using Node.js, TypeScript, Express, PostgreSQL, and Ceramic/ComposeDB.
- Built and published vc-storage, an npm package for handling Verifiable Credentials (VCs); adopted modular architecture using Context Factory design.
- Contributed to resume-author and linkedclaims-author projects, sub-projects of AllSkillsCount, using JavaScript/TypeScript, React, Vite, and Next.js. Enabled users to create skills as Verifiable Credentials (VCs) and use them in resumes, connecting skill creation and resume building seamlessly.
- Created a credential verification API for partner integrations, improving reliability and developer experience.

modareseen.com LLC United States
Fullstack Web Developer

- Developed a responsive front-end interface using Next.js to improve usability and engagement across devices.
- Enhanced transaction reliability by refining data flow and ensuring consistent state handling in key workflows.
- Integrated Fawaterak payment gateway to support secure and scalable online transactions tailored to the client's business needs.

Aswan Heart Centre | Magdy Yacoub Aswan, Egypt
Intern Frontend Developer

- Built and maintained a responsive observation app using React.js and MUI to assist internal workflows.
- Contributed to enhancements in the OVR application, supporting a smoother and more intuitive user experience.
- Actively collaborated with the development team to debug and improve frontend components, applying modern React practices

EDUCATION

Bachelor of Science in Computer Science, aswan.edu.eg Sep '19 – Jun '23
Certificate in Software Engineering, alxafrica.com Cairo, Egypt

SKILLS

Programming Languages HTML, CSS, JavaScript, TypeScript, Python3
Frontend Technologies ReactJs, React Native, NextJs, Redux, GraphQL, Responsive Design
Backend Technologies NodeJs, Express
Database Technologies SQL (MySQL, PostgreSQL), NoSQL (MongoDB), Prisma, Drizzle
Development Tools GitHub, Docker, GIT, RESTful API, Object Oriented Programming, Data Structure, Algorithms, Cypress, Testing Tools, CI/CD, Github Actions