SHERIF LOTFY

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Portfolio: sizif.wearemasons.com

SUMMARY

Computer Science undergraduate at Ain Shams University (3rd year), passionate about full-stack development. Proficient in modern web technologies like React.js, Next.js, and Node.js. Experienced in building scalable, high-performance applications and improving legacy systems. Comfortable working both independently and collaboratively in agile environments.

EDUCATION

Ain Shams University   Cairo, Egypt
B.Sc. in Computer Science   *2022 – 2026*

EXPERIENCE

WordPress Developer Intern   Jul. 2024 – Oct. 2024
WebbingStone   *6th October City, Giza, Egypt*
- Developed custom low-code WordPress websites using PHP, jQuery, and Bootstrap. Customized themes and created plugins to extend functionality.
- Rebuilt the company's website using React.js and Next.js to replace the legacy Elementor-based version. Achieved substantial performance gains (measured via PageSpeed Insights).
- Led development of "Eventy," a dynamic event website builder that enabled organizers to choose templates, add event content, and publish pages easily. Strengthened skills in problem-solving, component design, and template-based UI generation.

PROJECTS

Eventy | *Next.js, Redux, GSAP, Firebase, TailwindCSS, Node.js, Express.js*   Nov. 2024 – Dec. 2024
- Created a full-stack event management platform with template-based page builders, custom participant forms, and dashboards. Implemented SMTP email scheduling using a Node.js backend.
- Employed Firebase for data storage and authentication to minimize backend overhead. Built admin and organizer roles to support multi-tenant use.
- Live Demo | Frontend | Backend

Orbit | *Next.js, Three.js, TailwindCSS, Go*   Sep. 2024 – Oct. 2024
- Built a dynamic 3D solar system (orrery) with Near-Earth Objects data as part of NASA Space Apps Cairo 2024.
- Collaborated within the "Masons" team to visualize orbital mechanics and deliver interactive web experiences using Three.js.

Swuber | *Java, JPA, ODB*   Jan. 2025 – Mar. 2025
- Designed a ride-sharing system that supports both private taxi rides and scheduled group bus trips.
- Implemented trip matching logic and basic fare calculation using ODB and JPA for object-relational mapping.

More projects on my GitHub: github.com/sizif-22

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, PHP, SQL, Dart, Java
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Flutter, Tailwind CSS, Maven
Databases: MongoDB, MySQL, Firebase
Development Tools: Git, GitHub, Docker, Redux, VS Code, Visual Studio
Web Technologies: HTML5, CSS3, Markdown, REST APIs
Professional Skills: Project Management, Technical Leadership, Communication, Problem Solving