

Shehab Gamal El Deen EL Sayed

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PROFESSIONAL SUMMARY

Full-Stack Web Developer with practical experience building and deploying responsive web applications using **React.js**, **TypeScript**, and **Node.js**. Currently completing the intensive **420+ hour Open-Source Applications Developer Program** at **NTI** with demonstrated expertise in RESTful API integration, **Redux** state management, and modern UI development. Skilled in Agile collaboration, delivering maintainable code, and implementing scalable architectures with strong emphasis on performance optimization and user experience.

EDUCATION

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| Open-Source Applications Developer Program | Oct 2025 – Present |
| <i>National Telecommunication Institute (NTI) – Full-Stack Web Developer Program</i> | Cairo, Egypt |
| <ul style="list-style-type: none">– Selected for a 420+ hour intensive program focused on full-stack development using React.js, Node.js, and Express.js.– Designed and deployed full-stack web applications with emphasis on performance optimization, security, and scalable architecture.– Worked in Agile teams using Git/GitHub and CI/CD pipelines for deployment on Netlify and Vercel.– Strengthened professional communication skills through training in Business English, teamwork, and workplace collaboration. | |
| Helwan University | Cairo, Egypt |

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| <i>Faculty of Computers and Artificial Intelligence, GPA: 3.23</i> | Graduated in 2024 |
| <ul style="list-style-type: none">– Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Web Development, Human-Computer Interaction, Probability and Statistics, and Machine Learning Fundamentals. | |

PROJECTS

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| JobHuntly – Modern Job Search Platform | In Progress |
| <i>Full Stack MERN Application</i> | GitHub |
| <ul style="list-style-type: none">– Designed and implemented a full-scale job search platform using React (v19), TypeScript, and Tailwind CSS, focusing on performance and modular architecture.– Developed RESTful backend services with Express.js and MongoDB, supporting job filtering, authentication, and application tracking.– Improved frontend load performance using Vite and strict linting rules, achieving fast initial render and maintainable codebase. | |
| VanLife – Van Rental Marketplace | Sep 2025 |
| <i>Personal Project</i> | GitHub |
| <ul style="list-style-type: none">– Built a multi-page rental marketplace with React and React Router, implementing nested routes and role-based protected views.– Simulated a backend using MirageJS to support full CRUD operations and realistic API behavior.– Implemented consistent state handling to ensure data synchronization across user and host dashboards. | |
| TasteGPT – AI-Powered Recipe Generator | Aug 2025 |
| <i>Personal Project</i> | Live Demo — GitHub |
| <ul style="list-style-type: none">– Developed an AI-powered web application that generates personalized recipes using external AI APIs.– Designed a mobile-first, responsive interface with smooth animations and robust error handling.– Secured API keys using environment variables and deployed the application on Netlify. | |
| Tenzies Game – Interactive Dice Game | Dec 2024 |
| <i>Personal Project</i> | Live Demo — GitHub |
| <ul style="list-style-type: none">– Created an interactive browser-based game using React and hooks, featuring animations and win-state logic.– Optimized performance and accessibility to ensure smooth gameplay across devices. | |

WORK EXPERIENCE

- React Web Developer** Apr 2024 – Oct 2024
- Digital Egypt Pioneers Program (DEPI) – Ministry of Communications & Information Technology* Cairo, Egypt
- Selected for competitive government-sponsored program training developers in modern web technologies and industry best practices.
 - Built and delivered **5+ responsive React applications** following modern UI/UX standards, improving usability and performance across devices.
 - Integrated **RESTful APIs** and implemented global state management using **Redux**, ensuring predictable data flow and scalable architecture.
 - Collaborated within **Agile Scrum teams**, contributing to sprint planning, feature development, and peer code reviews using **Git**.
 - Applied best practices in component architecture, reusable UI patterns, and clean code to deliver maintainable frontend solutions.

SKILLS

Technical Skills

- **Frontend:** React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Material-UI.
- **Backend:** Node.js, Express.js, RESTful APIs, MongoDB, SQL (MySQL).
- **State Management:** Redux, React Hooks, React Router.
- **Tools & Workflow:** Git, GitHub, Netlify, Vercel, Postman, Figma, VS Code, Agile, CI/CD.
- **Core Concepts:** Data Structures, Algorithms, Object-Oriented Programming.

Soft Skills

- Communication and Presentation
- Team Collaboration
- Problem-Solving and Critical Thinking
- Time Management and Organization
- Adaptability and Continuous Learning

Languages

- **Arabic:** Native
- **English:** Fluent

Certifications

- **Open-Source Applications Developer Program (NTI)** – Full-Stack Web Development
- **Digital Egypt Pioneers Program (MCIT)** – React Web Developer
- **Scrimba:** React & React Router 6, TypeScript for React Developers, Modern JavaScript (ES6+)
- **Additional Courses:** React Testing with Jest & RTL, Tailwind CSS & Material-UI for React