

FATMA GAMAL

React.js Developer

Suez, Egypt | <https://github.com/FatmaGMubarak>

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Motivated and results-driven full stack developer with strong foundations in modern web technologies such as React.js, Node.js, and MongoDB. Completed a competitive 6-month scholarship with the Digital Egypt Pioneers program, gaining practical experience in building scalable applications. Skilled in solving real-world problems and delivering optimized, user-centered solutions. Experienced in developing pixel-perfect, responsive, and accessible user interfaces. Eager to leverage front-end expertise and collaborative skills to build exceptional user experiences in innovative team environments.

TECHNICAL SKILLS :

- **Front-End:** React.js, Redux, Context API, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Ant Design, Material-UI, User Interface Design, Front-End Development
- **Back-End:** Node.js, Express.js, MongoDB, Web Applications, Information Technology
- **DevOps & Tools:** Git, GitHub, Docker, Agile Methodologies, Project Management Skills
- **Testing & Performance:** Performance Testing, Responsive Design, User Experience Optimization
- **AI & Security:** Machine Learning Basics, Information Security Practices
- **Soft Skills:** Team Collaboration, Problem-Solving, Critical Thinking, Troubleshooting, Debugging, Performance Optimization.

PROJECTS:

Smart Home Dashboard & Real-Time Alert System *(Graduation Project)*

- Developed an interactive web-based dashboard simulating multiple rooms of a smart home with intuitive control switches for real-time light management.
 - Created a real-time notification system to instantly alert users of home events, enhancing responsiveness and security, improving response time by 40%.
 - Designed realistic room mockups to provide a user-friendly and immersive control experience.
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- Integrated responsive UI design and Integrated efficient communication, enabling the system to support 100+ simultaneous events without delay.

GITHUB: [Smart Home FrontEnd](#) | DEMO: [Graduation Project DEMO](#)

Admin Dashboard for AICHE Student Activity | React, Redux, Ant Design, Tailwind, Axios

- Designed and developed a **full-featured front-end admin dashboard** from scratch to manage multiple sections within a student activity organization.
- Implemented **secure authentication and RESTful API integration** for user login, account creation, role assignment, and committee management.
- Built **scalable state management** using Redux, ensuring smooth data handling across all modules.
- Built a responsive UI serving over **50+ administrators**, reducing the time for common tasks (e.g., committees management) by an estimated **30%** through streamlined workflows. using React, Tailwind, Ant Design, and Material UI components.
- Collaborated directly with student activity managers to **analyze requirements and translate them into usable features**, overcoming domain knowledge challenges.
- Improved organizational efficiency by **digitizing admin workflows**, reducing manual work by **50%** and saving significant time.
- Deployed the dashboard in production, **where it is actively used by 50+ administrators daily**.

GITHUB: [Aiche-Dashboards](#)

LIVE DEMO: [AICHE DEMO](#)

Work Experience:

Full Stack Development Trainee — Digital Egypt Pioneers Initiative

April 2024 – Oct 2024

- Completed a 6-month intensive training in full stack development, cloud computing, and DevOps.
 - Specialized in React.js, Node.js, MongoDB, Express.js, and responsive UI design.
 - Built real-world projects in agile teams, implementing RESTful APIs, authentication, and deployment workflows.
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Information Security Intern

Ebank | 2024

- Contributed to a project team assessing vulnerabilities in a web-based banking portal serving **10,000+ users**., working on strategies to protect sensitive financial data from cyber threats.
- Participated in cross-functional teams to address emerging threats and develop proactive solutions for safeguarding sensitive data.
- Maintained awareness of industry trends and developments by attending conferences, participating in webinars, and reading relevant publications on information security topics.

Artificial Intelligence Intern

National Telecommunication Institute (NTI) | 2023

- Focused on AI-driven technologies, exploring machine learning algorithms and their applications in solving real-world problems.
- Enhanced AI algorithms by implementing machine learning techniques and data analysis methods.
- Designed effective data preprocessing pipelines to ensure high-quality input data for training machine learning algorithms.
- Utilized TensorFlow and Keras libraries for building deep learning models that enhanced the overall system performance.
- Compiled, cleaned and manipulated data for proper handling.
- Developed polished visualizations to share results of data analyses.
- Modeled predictions with feature selection algorithms.

Software Intern

Ein Sokhna Port | 2022

- Gained hands-on experience in developing and maintaining software solutions for port management systems.
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EDUCATION

BACHELOR'S DEGREE IN COMPUTER SCIENCE

Suez University

JUNE 2025

- GPA 3.8
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Scholarships & Certifications

Digital Egypt Pioneers Scholarship (MCIT (Ministry of Communications and Information Technology) — Egypt | 2024)

Completed a 6-month intensive training program in full stack development, cloud computing, and DevOps. Worked on real-world tech projects and collaborated in agile environments.

Information Security Essentials (Ebank | 2024)

Learned cybersecurity fundamentals with hands-on training in securing banking systems.

Machine Learning Internship (National Telecommunication Institute (NTI) | 2023)

Specialized in machine learning algorithms using Python, TensorFlow, and Keras.

Languages

- Arabic: Native
- English: Professional Proficiency