

# Moamen Mohammed

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## EDUCATION

### Alexandria University

Bachelor's of Science in Computer Science,

Alexandria, Egypt

Expected Graduation, may 2025

- **Concentration:** Web Engineering / Mobile Engineering
- **Related Coursework:** Computing in Java, Object-Oriented Programming, Data Structures, Algorithms, Web Engineering, Mobile Engineering, Artificial Intelligent.

## EXPERIENCE

### MaVoid

Software Engineer

Sep 2024 – Present

Alexandria, Egypt

- Project Leadership in Frontend Development: Spearheaded the frontend of 10+ software and networking projects, including the Liwan employee website, ensuring seamless user experiences across platforms.
- Performance Optimization: Enhanced application load times by 30% through optimized code and efficient asset management, reducing server downtime by 20% with improvements to client-side performance.
- Collaboration and Code Quality: Led 10+ code reviews and 5 knowledge-sharing sessions per quarter to maintain high-quality frontend code and foster a collaborative team environment.

### STEM AI Educational Solutions

Software Engineer

Aug 2024 – Sep 2024

Alexandria, Egypt

- Developed and deployed the company's website by creating an intelligent education solution that helps over 500 parents track their children's abilities in remembering, understanding, applying, analyzing, evaluating, and creating.
- Utilized ApexCharts.js to design interactive charts and AI-generated summary messages for visualizing data, resulting in over 1,000 data points analyzed.
- Achieved successful completion of the first project stage within 2 months, making it available for users, with plans to advance to the second stage.

## PROJECTS

### TawaSol | *React.js, Mongodb, Node.js, Express.js*

July 2024 – Aug 2024

- Developed "Zabat w Kalemni," a unique chatting app using Flutter over one semester.
- Incorporated a scheduling tool visible to over 300 users, enabling seamless meet-ups during available times.
- Enhanced communication and social interaction, resulting in a 40% increase in user engagement during the first month of launch.

### Portfolio | *React.js, Mongodb, Node.js, Express.js*

June 2024 – July 2024

- Created a simple portfolio showcasing my education and work experience over a span of 2 weeks.
- Integrated a feature that displays one random Egyptian mathal (proverb) with fading animation and generates 10 random amthal, enhancing cultural representation.
- Improved user engagement by providing an interactive experience, resulting in a 30% increase in time spent on the portfolio.

### Liwan Website | *Next.js, React.js, Tailwind CSS, Mongodb, Node.js, Express.js*

Oct 2023 – Dec 2023

- Developed an employee website that serves over 500+ employees, providing access to essential company resources and tools.
- Enhanced user experience by implementing a fully responsive design, reducing bounce rates on the platform by 20%.
- Reduced development time by 15% through effective collaboration and use of modular, reusable components.

## TECHNICAL SKILLS

**Languages:** Java, HTML/CSS, JavaScript, Tailwind CSS, SQL (phpMyAdmin), React.js, Python, C++, Python, Dart

**Frameworks:** Next.js, React, Node.js, Flutter

**Developer Tools:** VS Code, Visual Studio, Eclipse

**Libraries:** Three.js, Gsap, pandas, NumPy, Matplotlib, Apex Charts