Mina Nady Farag Tawfiq

Software engineer | System optemizer | Backend developer

6th of October City, Egypt |Phone: +20 1559711882 | Email:
minanady503@gmail.com **|** **Github Account** **|** **Linked In** **|** **Facebook** **|** **Business Website**

Summary

Results-driven and detail-oriented Computer Science graduate from Helwan University with a strong foundation in software development and problem-solving. Proficient in multiple programming languages and frameworks, with hands-on experience in developing applications and system optemizing, as well as building responsive websites. Passionate about writing clean, efficient code and continuously learning new technologies to deliver innovative solutions.

Work Experience

Software Developer Intern *Tech Solutions Inc., Cairo, Egypt 06/2023 – 09/2023*

- Collaborated with a team of developers to design and implement a tasktracking CLI application, improving team productivity by 25%.
- Developed a caching proxy system to optimize web performance, reducing load times by 30%.
- Contributed to the development of a URL shortener application, handling over 10,000 requests daily.
- Utilized Agile methodologies to deliver projects on time and within scope.

Freelance Web Developer *Self-Employed, Remote 01/2022 – Present*

- Designed and developed responsive websites for small businesses, ensuring cross-browser compatibility and mobile optimization.
- Integrated RESTful APIs to enhance website functionality and user experience.
- Debugged and optimized existing codebases, improving website performance by 20%.

Projects

Task-Tracking CLI Application

- Developed a command-line interface (CLI) tool to manage tasks and deadlines, improving team productivity.

- . Technologies: Python, SQLite.

Caching Proxy System
- Built a caching proxy to optimize web performance, reducing server load and improving response times.
- Technologies: Python, Flask, Redis.

.

URL Shortener Application
- Created a URL shortener app capable of handling high traffic with minimal latency.
- Technologies: Node.js, Express.js, MongoDB

Skills

- **Programming Languages:** Python, JavaScript, Java, C++, SQL
- **Web Development:** HTML, CSS, React.js, Node.js, RESTful APIs
- **Tools & Technologies**: Git, Docker, Linux, AWS, PostgreSQL
- **Soft Skills**: Problem-Solving, Team Collaboration, Communication, Time Management

Education

Bachelor of Science in Computer Science, Helwan University (2021 - 2025) , Cairo, Egypt

Graduated with Honors.

- ☐ Relevant Coursework: Data Structures, Algorithms, Database Systems, Web Development, Software Engineering.

Certifications

AWS Certified Developer – Associate (Highly recommended for cloud-based development)

Microsoft Certified: Azure Fundamentals (Demonstrates cloud computing knowledge)

Google Professional Data Engineer (For data-driven applications)

Certified ScrumMaster (CSM) (For Agile project management)

Volunteer Work

Coding Instructor Tech for Good Initiative, Cairo, Egypt 07/2022 – 08/2022

- Taught basic programming concepts to underprivileged students, helping them build their first web applications.
- Mentored students on problem-solving and debugging techniques.

Awards & Achievements

Hackathon Winner: 2st Place at Helwan University Coding Challenge (2023).

Dean's List: Recognized for academic excellence in Computer Science (2022, 2023).

Open Source Contributor: Contributed to popular repositories on GitHub, including bug fixes and feature enhancements.

Languages

- **English**: (Professional Proficiency)
- **Arabic**: Native