Mohamed Hazem
Software Developer

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A dedicated Software Developer specializing in full-stack development with a passion for integrating AI solutions to solve real-world problems. Committed to continuous learning and enthusiastic about emerging technologies and AI advancements. Tackling problem-solving challenges and enhancing technical skills.

Education

- Bachelor of Computer Science
  - Arab Academy For Science and Technology and marine Transport (AASTMT)
  - 2018 – 2022 | GPA: 85/100

Work Experience

Software Developer

IdealRatings, [Cairo, Egypt]

November 2022 – Present

- **Project**: Live4 – an investment analytics platform for sustainable investing decisions.
  - Enhanced platform features and functionalities, improving user experience.
  - Optimized algorithms, increasing data processing efficiency.
  - Ensured system reliability through diligent bug fixing and performance enhancements.
- **ESG Data Scraping Tool:**
  - Built an advanced web scraping tool to collect ESG data for pre-listed companies.
  - Facilitated analysis of sustainability and carbon emission reports.

Tools
- **Front-end :** Angular
- **Back-end :** DotNet , NodeJS , AWS
- **Database :** SQL , MongoDb , Redis

Skills

Programming Languages
- C#, C++, Python, TypeScript

FrontEnd
- Angular , Flutter

Databases
- SQL, MongoDB, Firebase (Firestore)

AI
- ML , CNN , LLM Prompting

Soft Skills
- Communication and Documentation skills
- UI/UX design fundamentals
- Collaborative team player
- Future Look

Side Projects

Project: iHealthy-Calculator

- Web-based app for tracking nutritional intake, from calories to nutrients.
- Integrates an LLM for AI-driven feedback, offering insights from perspectives like a doctor.
- Supports six languages.

Interests

- Exploring Open-Source Projects and Technologies   ● Exploring advancements in AI