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A computer science fresh graduate who has great planning and problem-solving skills. Currently seeking software engineering, backend or full-stack opportunities to implement my knowledge and skills in real-world situations.

Work Experience

JUN 2024 – PRESENT

FULL STACK DEVELOPER INTERN, SOLVYTIX

- Actively involved in frontend development using React.js and backend development using .NET technologies
- Implementing user interfaces, integrating APIs, and contributing to the development of scalable web applications with high performance.
- Communicating with a wide team of data analysts, product designers and to achieve the best outcomes possible.

Education

OCT 2020 – JUN 2024

FACULTY OF COMPUTER AND INFORMATION SCIENCE, AIN SHAMS UNIVERSITY

CGPA: 3.7

Projects

JUN 2024 – PRESENT

GENX

- Developing a full-stack web application that helps bioinformaticians to get useful insights from medical documents.
- Responsibilities:
 - ✓ Designing user-friendly interface using React.js.
 - ✓ Managing a non-relational (MongoDB) database for querying and inserting operations.
 - ✓ Architected a scalable backend system with ASP.NET CORE, employing repository design patterns that streamlined data access, resulting in reduction in query response times and improved overall application performance. Implementing RESTful APIs for seamless front-end to back-end communication.
 - ✓ Writing unit tests to ensure the application works properly
 - ✓ Communicating with data analysts and bioinformaticians to extract useful data for the client

NOV 2023

EXERCISE LOGGER & TRACKER

- Developed a full-stack application with Node.js and Express.js, utilizing MongoDB for data storage.
- Implemented user authentication and exercise tracking features using vanilla JavaScript and Tailwind CSS for front-end design.

MAR 2021

WEATHER APP

- Created an asynchronous web app using HTML, CSS, and JavaScript to display current weather data fetched from OpenWeatherMap API.
- Implemented server-side functionality with Node.js and Express.js.

Volunteering and Extracurricular Activities

OCT 2020 - PRESENT

EXPLAINING MATH AND PHYSICS CURRICULUMS FOR SECONDARY STUDENTS

- Provide clear and concise explanations of math and physics concepts to secondary students, refining communication & explanatory skills.

OCT 2020 – JUNE 2021

ACM COMMITTEE MEMBER

- Learned how to think to solve complex problems, using various algorithms and the most suitable data structures for each problem faced

Skills

- **Programming languages:** C#, C++, C, JavaScript, TypeScript, Java, Scala, Python, Dart
- **Front-end:** JQuery, React.js, Vanilla JS, HTML, CSS (Tailwind CSS, Bootstrap, SASS), Flutter
- **State Management:** Redux
- **Back-end:** Node.js, Express.js, ASP.NET CORE
- **Databases:** MongoDB, SQL
- **Other:** RESTful APIs, Problem Solving, Planning, Design patterns, SOLID principles, Teamwork, Agile, JWT Authentication

Achievements

JUN 2024

ACKNOWLEDGED FOR ACHIEVING TOP PROJECT IN DESIGN & IMPLEMENTATION COURSE

Out of over 50 teams, I achieved the top project award by writing clean and efficient code, meeting all project criteria, and exceeding expectations with exceptional performance.

JUL 2021

Nominated for best project in Structured programming course.

Received nomination for the best project in Structured Programming course.

Crafted a captivating project demonstrating mastery of structured coding principles. Acknowledged for delivering efficient, clean, and organized code.

MAY 2021

Selected to Meet Minister of Communication and Information Technology

I was honored to be chosen as one of the top students in the FWD initiative, which led to an invitation to meet with the Minister of Communication and Information Technology. Recognized for consistently meeting and exceeding program criteria, I actively assisted fellow participants in completing their tracks. This selection to represent the initiative before the minister underscores my dedication.