Mohamed Fawzy

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Engineer position at the esteemed organization, as advertised. With a strong foundation in SQL development, software engineering, and diverse technical skills, I am confident in my ability to contribute effectively to the dynamic and innovative environment at this organization.

During my recent internship at PSYLIQ Remotely, I honed my SQL expertise by analyzing Chicago datasets on socioeconomic indicators, public schools, and crime. I demonstrated proficiency in advanced SQL techniques, such as applying joins for querying multiple tables, creating and querying view tables, and implementing stored procedures. This experience has equipped me with a solid foundation in database management, an essential skill set for a Software Engineer.

As a Software Developer at TOG Remotely, I took on the responsibilities of a front-end developer, contributing to the design and development of enterprise applications using Flutter with Firebase. Through my contributions, I enhanced E-commerce applications, resulting in a 20% increase in sales and a more efficient checkout process. My application of SOLID principles and object-oriented design reduced downtime by 15%, showcasing my commitment to creating high-quality and resilient software.

Additionally, my internship at Bank Misr involved leading a team in developing a coffee shop app. I served as a back-end developer responsible for creating a REST API using Spring Boot and PostgreSQL. This experience allowed me to strengthen my skills in system design, authentication, and authorization services, deploying the app successfully via Heroku.

I have also undertaken several projects, including the Global Bank Cap Analyzer, demonstrating my proficiency in ETL pipelines and various technologies such as BeautifulSoup, Python, Pandas, and SQLite3.

My educational background, a Bachelor's degree in Computer Science from the Arab Academy for Science and Technology, combined with a GPA of 3.4, reflects my commitment to academic excellence. As a passionate and adaptable individual, I am excited about the prospect of contributing to your mission of empowering individuals and organizations globally. My diverse technical skills, problem-solving abilities, and commitment to continuous learning align with the qualities sought in a Software Engineer.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences can contribute to the success of your organization. Please find my attached resume for your reference.

Sincerely,
Mohamed Fawzy