First, thank you for giving me this opportunity, and I am very grateful for it.

"My name is Asmaa Felemban, and I am from Mecca. I graduated in 2023 with a bachelor’s degree in software engineering from the University of Jeddah, earning first-class honors with a GPA of 4.78.

Currently, I am a trainee in one of Tuwaiq Academy’s programs, the 'Website Development Camp Using the Python Language (django framework)' I have almost completed the training, but I have yet to present the final project.

"I chose software engineering because it combines my passion for technology with my interest in project management. It enables me to immerse myself in the technical intricacies of designing and developing innovative software solutions while gaining valuable experience in project management. Additionally, trends of Vision 2030 supported my decision."

I had the opportunity for coop training at 'أمانة العاصمة المقدسة.' The main objective was to train us in building projects following the software life cycle process by developing our applications. At that time, the idea of a vending machine for pilgrim supplies was new. I questioned why there wasn't an application for these machines to enable pilgrims to purchase items and have them delivered, especially since the machines are not available in all facilities of the Holy Sites, and this was my software. Unfortunately, we only reached the design stage and then the Hajj season began, and all trainers became busy.

My senior was a group assignment we developed software named 'بالتمام,' it is a platform designed to facilitate the companies of corporate events by connecting event planners in companies with several vendors. We followed the Agile methodology, which allowed us to be flexible and responsive to changes. We were using Flutter as framework, with Dart and JavaScript to enhance user interactions. Our database management utilized Firebase (NoSQL)—a challenging aspect as it was our first experience with this technology. As the team leader, I was primarily responsible for the documentation, which involved defining requirements and stakeholders, creating diagrams, and designing UI/UX, as well as writing user stories. Of course, I had to be well acquainted with other phases (implementation, testing, and development). I also helped with some of the unit testing under various conditions and scenarios. Our efforts were well-recognized, and we received an A+ .

In my academic journey, I've experienced significant growth in my technical skills, particularly in programming languages like Python and Java, and in understanding the software development life cycle, from planning to software delivery to the client. I've also expanded my knowledge of structured and unstructured databases, as well as principles of interface design and user experience. Additionally, I've enhanced my abilities in communication, teamwork, problem-solving, and adaptability. This holistic development has equipped me with a well-rounded skill set that I'm eager to apply to new challenges and opportunities.

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