Dear Ms. / Mr.,

According to my interest in your company and in your offered position, I am applying today on my own initiative as a "Senior Software Development Engineer".

A quick review of my career timeline can be described as follows. After completing my bachelor’s degree in information technology and my obligatory military service, I started my career at Xceed Egypt. Due to my great interest in learning, I studied a master's degree in electrical engineering in Paderborn, Germany. In the meanwhile, I gained work experience in software development at dSPACE GmbH Germany. After completing my master's degree, I worked as a full-stack software developer in Fachmedien Otto Schmidt KG, where I quickly got promoted to the senior position.

Currently, and since more than 3.5 years, I am particularly enjoying my Job as a Senior Full-Stack Software Developer in Fachmedien Otto Schmidt KG Germany, where I am developing, and partially managing an E-Shop [www.fachmedien.de](http://www.fachmedien.de) using a mixture of programming languages, platforms, and libraries like Dotnet Core, C#, JavaScript, Jquery, Ajax, Cronjobs, HTML, CSS, Bootstrap, SQL, Databases, SSMS, RegEx, Mailing, MJML, DevExtreme, … I also deal with a mixture of several other roles like the Web development of internal Tools/Workflows in Python, Django, and Rest/Soap API. The use/expansion of interfaces, APIs and web services to external applications related to online publishing. Development/optimization of scripts for mass processing of structured data (XSLT, DTD, XML, Xpath, Schematron, batch, …). All these roles are carried out using modern development tools and environments such as Microsoft® Visual Studio, SVN, GIT and Azure® DevOps. Earlier, I enjoyed my student job as a Python software developer at dSPACE GmbH Germany. There I worked for almost two and a half years in the areas of data management and autonomous driving, where I developed, maintained, and carried out full-stack add-ons, complete tools, automated test scripts and manual exploratory tests. There I also implemented XSLT and Windows batch scripts, documented many new developments in English.

Academically, I gained experience in programming (Java and Python), modeling and simulation (MATLAB and HOMER Pro). My first experience in programming was in my bachelor's degree. At the time, I worked with Java in three courses and one project. My bachelor's thesis "Multi-level Proximity Localization of Zigbees", which consisted of a MATLAB model, gave me deeper insights into programming. In my master's studies, I led the group project "Wind Speed ​​Logger" with great success. In this project, we developed a Python script for a Raspberry PI on a Linux environment, which calculates the statistical data of the wind speed in real time and saves it in log files. Finally, in my master's thesis "Investigating the Functionality of PCM Solar Air-Conditioning Systems", I modeled solar-powered air conditioning systems with HOMER Pro.

Due to my lifelong education in English/German-speaking schools and universities and living several years in Germany, I am fluent in English, and I have a very good knowledge of German. Through my previous jobs, I have experience in industry and teamworking. Above all, I can learn new things quickly, search for missing information, and find optimum solutions to complicated problems. I chose your company because it matches my interests, and because of your good reputation, your trustworthiness, your interesting sector, and my interest in software development. With my experience and my knowledge, I would contribute my commitment to such a challenging company and hope to meet a nice team of colleagues. My CV is here attached. I can be available 3 Months after accepting an offer with a desired monthly net salary of 3500$. I am looking forward introducing myself to you personally.

Best regards,

Mohamed Wahby