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|  | Ratingen, 15.08.2024 |
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**Application for the Full-Time Position: Programmer (m/f/d) Location: Düsseldorf**

Dear Madam or Sir,

Due to my strong interest in your company and the position you have available, I am proactively applying for the role of 'Senior Software Development Engineer'.

My academic and professional journey can be summarized as follows: After earning my bachelor’s degree in information technology and completing my mandatory military service, I began my career at Xceed Egypt. Driven by a strong desire for continuous learning, I pursued DSH German language courses and subsequently completed a master’s degree in electrical engineering, taught in German, at the University of Paderborn, Germany. During my studies, I acquired 2.5 of experience as a software developer at dSPACE GmbH. Following the completion of my master’s degree, I advanced my career as a full-stack software developer at Fachmedien Otto Schmidt KG in Germany, where I have been working for over 3.5 years and got promoted to the senior position only after 2 years of working there.

I am currently thriving in my role as a Senior Full-Stack Software Developer, where I develop and partially manage the responsive, barrier-free e-shop [www.fachmedien.de](http://www.fachmedien.de) in the publishing sector. My work involves utilizing a diverse range of programming languages, platforms, and libraries, including Dotnet Core, C#, JavaScript, jQuery, Ajax, Cronjobs, HTML, CSS, Bootstrap, SQL, SSMS, Entity Framework, RegEx, MJML, and DevExtreme, among others. Additionally, I take on various responsibilities, such as web development for internal tools and workflows using Python, Django, and REST/SOAP APIs, integrating, and expanding interfaces, APIs, and web services for external applications in online publishing, and developing and optimizing scripts for mass processing of structured data (XSLT, DTD, XML, XPath, Schematron, batch processing, etc.). All of this is accomplished using modern development tools, version control systems, and environments such as Microsoft Visual Studio, SVN, GIT, and Azure DevOps.

Earlier in my career, I gained valuable experience as a Python software developer at dSPACE GmbH in Germany. My focus there was on data management and autonomous driving, where I developed and maintained full-stack add-ons, complete tools, automated test scripts, and conducted manual exploratory tests related to KPI calculations and autonomous test-driving scenarios.

Academically, I have built a strong foundation in programming, modeling, and simulation through various courses and projects using Java, Python, MATLAB, and HOMER Pro, which includes both my bachelor’s and master’s theses.

Having received my education in English and German-speaking schools and universities, and having lived in Germany for several years, I am fluent in English and possess a strong command of the German language. Throughout my career, I have consistently worked in collaborative teams, gaining extensive experience in the software industry, both technically and to some extent, managerially. I pride myself on being a quick learner, adept at gathering information, and skilled in problem-solving, all while maintaining accuracy and working independently.

I am particularly interested in this position because it aligns well with my professional background and personal insights. Additionally, your company is renowned for its reputation, trustworthiness, and operates in an engaging sector. With my experience and expertise, I am confident that I would bring valuable contributions to your organization and am eager to work with a supportive and dynamic team. My resume and certificates are enclosed. I will submit the final employment reference from my current employer to you after signing your contract. I can start 3 months later and aim for an annual salary of around €79,000. I look forward to the opportunity to discuss how I can contribute to your team in person.

Best Regards,



Mohamed Wahby