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SAP SE

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## Application for the position of a Senior Golang Software Engineer (173033)

To whom it may concern,

herewith I wish to apply for the position of a Senior Golang Software Engineer for the SAP Pipeline Engine, as posted on jobs.sap.com. In the position, I could direct my expertise in Go and software engineering in general to a new and exciting field of technology that has a broad range of applications, which is a rather thrilling perspective. I would very much enjoy working together with other Go experts, designing and implementing systems on a high level of software quality, and be able to grow together and develop a platform for data analysis and processing.

With a headstart of over ten years of programming and software engineering experience, having had a strong focus on C, C++, and Python, I started using Go about two years ago, and I have become quite fond of the language. Currently being a software engineer at EDG AG in Frankfurt am Main, I use Go daily for the development of high-performance and high-availability distributed microservices for automated data processing in the financial sector. Concurrency is key to high performance, especially on clusters and machines with many cores, and I use Go's innovative concurrency features with fluence and glee. Using key cloud technologies like protocol buffers, GRPC, Bazel and Kubernetes, and vue.js on the front-end side, I stay at the edge of progress in that area, carefully evaluating and selecting those technologies that promise long-term stability, performance, and maintainability.

At my current company, next to developing software per se, I am constantly working to introduce infrastructure that I would have considered common-place in a software firm, starting with unit test coverage, going over tooling for automated regression testing and service- and cluster-spanning test pipelines, as well as CI systems. Code reviews and audits belong to our day-to-day, and I have proven to be a spotter of subtle but important details as well as keeping a good perspective for the whole picture.

Having found that my experience greatly surpasses that of the other newly-graduated employees at my company, I am often a mentor to them, sharing my knowledge, while always appreciating an opportunity to learn myself, to grow and to deepen my skills. I am very willing to take responsibility for people and projects, and work well in a

team, where I lay focus on good, precise and fair communication within the team and to the outside. Inside the company, I am proactively taking the initiative to identify opportunities for improvement of the current state, and I can be relied upon to finish any project quickly and thoroughly.

Having a university background in physics (and many physicist friends and colleagues who meanwhile have joined SAP), my computer science background stems from a deep interest in the topic from childhood on. I started programming at the age of 13, having been introduced to Java by mentors from the Hector-Seminar, an organisation whose sponsor and namesake is none less than one of the SAP founders, and who himself shook my hand after my team won the Hector-Seminar robotics competition back in 2004. A few years later, I got involved with the Chaos Computer Club, and have since then attended the Chaos Communication Congress every year since 2008, next to countless seminars in the Mannheim/Heidelberg region. Since working in Frankfurt, I regularly attend the Frankfurt am Main Gopher meetups. I have given a number of technical talks at those events, and I deeply enjoy the aspects of networking and knowledge sharing that conferences and seminars entail.

Heartily would I welcome the opportunity to introduce myself to you in person, or via a phone or video interview. Thank you for consideration!

Best regards

*Jannis Andrija Schnitzer*