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SAP AG,
Hasso-Plattner-Ring 7,
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Job application for the position (Junior) Software Engineer for Decentralized Business Networks

Greetings,

Looking for a challenging work environment, I came across the software engineer for decentralized business networks position at your company. Your company offers me the opportunity to gain professional experience in cloud computing.

I am writing my master's thesis at Soluware GmbH and have worked there for two years as a working student in software development. I will complete my master's degree by the end of September 2022. I want to apply for a position as a Software engineer for decentralized business networks starting in October 2022. I want to develop mainly in cloud computing, as I have also focused my experience and skills on web API and web applications and have good knowledge in these areas. My salary expectation is €65,000.

In my professional profile, I have already gained initial experience with JAVA and web applications through several side projects and working on student projects in backend Web API. I was particularly impressed by server-based applications. Here are some projects that I worked on:

- **Restaurant Robot:** developed an event-based architecture within the docker container in this project. Here, the robot picks up the dishes as soon as the event is triggered. Then the robot picks up the dishes from the kitchen, navigates to the customer table where the event originated, places the dishes with food on the table, and autonomously drives back to its initial position.
- **Womega Full Stack E-Commerce Webapp:** In this project, I developed a full-stack e-commerce web app with a team of three developers. In this app, customers can browse clothes, add them to a cart and pay with credit/debit cards. In this, we also developed an admin portal where the admin can maintain products, show the business's analytics, and run the business activities.
- **FPGA Communicator:** This tool was developed in JAVA with a Swing graphics library. This tool communicates with the FPGA through a USB COM port, and it sends the Hexadecimal data to the FPGA and retrieves the data back as well. They needed Airbus Specific tool to visualize the satellite-based telemetry data from the FPGA.

During these projects, I learned about backend Web APIs and JAVA applications and got to know the possibilities of cloud computing. I speak fluent English and have moderate knowledge of German. Numerous projects during my previous studies show that I can efficiently contribute to a team. My leadership skills and ability to integrate into a team allowed me to familiarize myself with a new field of work quickly.

I would be very pleased to get to know SAP AG, Walldorf. For further information, please feel free to contact me by phone or e-mail.

Thanks and Regards,
Prithvi Patel
Prithvi P. Patel