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Mercedes-Benz Tech Motion GmbH,  
Wilhelm-Runge-Straße 11,  
89081 Ulm  
Deutschland

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## Job application for the position Game engine Software Developer for the vehicle

Greetings,

Looking for a challenging work environment, I came across the 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 Game Engine Software engineer for the Vehicle starting in October 2022. I want to develop mainly in 3D real-time visualization, as I have also focused my experience and skills on Games and web applications and have good knowledge in these areas. My salary expectation is between €65,000 and €70,000.

In my professional profile, I have already gained initial experience with C# in games and web applications through several side projects and working on student projects in backend Web API. I was particularly impressed by augmented reality 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.
- **Slippery Box:** I developed this game in Unity 3D. It is a simple platformer game with optimized RAM allocation and Smartphone battery consumption. I published this game on Google Play Store and anyone with android smartphone can play with it. The link to this game is in my resume.

During these projects, I learned about C# applications and got to know the possibilities of computer vision and augmented/mixed reality. I speak fluent English and have moderate knowledge of German. Numerous projects helped me to nourish my Mathematic skills. 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 Mercedes-Benz Tech Motion GmbH, Ulm. For further information, please feel free to contact me by phone or e-mail.

Thanks and Regards,  
*Prithvi Patel*  
Prithvi P. Patel