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Reference

Mr. Rakshith Shivaramappa Pushpa was employed in the Sustainability Engagement department of our company as a working student from January 16, 2023 through September 30, 2024.

His main tasks were:

- Developing and implementing a robust pipeline to extract complex legal information from the EU Taxonomy Regulations and Amendments PDF:
 - Understanding the problem the team aimed to solve for customers, designing the solution and implementing the designed solution
 - Utilizing OpenAI's GPT models to transform unstructured legal text into a structured XML format, enhancing data accessibility
 - Overcoming challenges of PDF parsing and LLM limitation i.e., context length to deliver a high-quality, accurate dataset
 - Optimizing code for maintainability by utilizing LangChain library, resulting in increased development speed and code readability
 - Collaborating effectively with the team to achieve project goals and helping deploy the machine readable format into production
- Implementing Self Sovereign Identity Authentication, to authenticate buyers and vendors through Bitcoin transactions in carbon data exchange (Java)
- Researching about GraphRAG and Knowledge Graphs and presenting learnings to the team
- Agile working with Scrum and Jira

Mr. Shivaramappa Pushpa has very good knowledge of Generative AI, LangChain, OpenAI API and SAP Cloud Application Programming Model (CAP) and good knowledge of VSCode, Github, Jira. He also acquired very good knowledge of SAP's own Business Technology Platform (BTP) application and basic knowledge of SAP's own Sustainability Control Tower application. He has very good skills in the Python, Java and JavaScript programming languages and good skills in the SAP Core Data Services (CDS), SAP UI5, ODATA API programming language.

Mr. Shivaramappa Pushpa was always a committed and very flexible working student. His high degree of initiative always enabled him to identify new tasks independently and at an early stage and to produce good solutions. He demonstrated extremely high ability and willingness to learn. He acquired very good specialist skills in a very short space of time, which he always applied in a capable manner. He always worked independently and reliably, and with a high degree of customer focus. Mr. Shivaramappa Pushpa was always highly goal-oriented and demonstrated excellent quality awareness, coupled with very high efficiency. With his refined communication skills, he was proficient at relating facts and issues.

Mr. Shivaramappa Pushpa always performed his tasks to our utmost satisfaction.

His competence and sense of team spirit earned him respect and recognition among customers, superiors, and colleagues alike. He was always friendly and helpful, and his conduct was correct at all times.

We would like to thank Mr. Shivaramappa Pushpa for his very valuable contribution and wish him continued success for his future career and personal life.

Walldorf, September 30, 2024

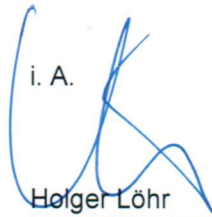
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i. V.



Dr. Christine Voigtländer
Local HR Services Manager GER

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