Milind
Prinz-Rupprecht-Str. 10B
93053 Regensburg
Email: milind.official98@gmail.com
Phone: +49-17646501001

Bending Spoons S.p.A.
Corso Como, 15
20154 Milano
Italy

Regensburg, 30.07.2025

Software Engineer Application

Respected Hiring Team,

I am excited to apply for the Software Engineer position at Bending Spoons, a company that has recently expanded its innovative portfolio with the acquisition of the File Manager app in October 2024 and driven remarkable growth in Evernote through AI-powered features and cross-platform enhancements in 2024. Your dynamic approach to scaling productivity apps and leveraging AI to enhance user experiences is truly inspiring. I am highly motivated to contribute my expertise in software development to support Bending Spoons mission of building impactful digital solutions that reach millions of users worldwide.

During my Master's program, focusing on AI, I primarily used Python and Ubuntu as my development environment to develop applications for AI-driven tasks. One notable project involved autonomous navigation of the Turtlebot3 in a selected area, incorporating object detection and avoidance, while also mapping the area and ensuring the robot could return to its origin. This project utilized ROS (Noetic) and Gazebo for virtual testing, with key ROS nodes developed in both C++ and Python. Additionally, I managed a CI/CD pipeline for software testing and validation against key performance indicators (KPIs). Data from these operations was efficiently stored, analyzed, and optimized using MySQL. Parallel to my academic pursuits, during nine months at AVL, I worked on the Adaptive AUTOSAR middleware (Service Oriented Architecture) and developing its applications in C++. These Adaptive Applications were deployed on a custom Real Time Linux Operating System using Yocto project. After this, I continued at AVL for my Master's thesis, where I was tasked with upgrading their legacy FMU Generation Utility (written in C++) from the FMI 2.0 to the FMI 3.0 standard, thereby enhancing the functionality of the existing tool for Co-simulation of automobile parts build in different systems like MATLAB, C++ etc. In my Thesis, I also leveraged Google Protocol Buffers through ASAM OSI for efficient data serialization, streamlining integration of sensor and environmental models in driving simulations, enhancing virtual testing capabilities. At Persystems, I was a Junior C++ Developer, where I developed Virtual TestBench, a Qt Desktop application for simulations of electrical components, leveraging Persystems' proprietary library. My responsibilities included designing the UI/UX in the Qt Creator IDE with C++ to ensure a seamless user experience. I have also implemented the application's logic by connecting UI widgets to custom slots, using Qt's signal-slot mechanism to manage data flow between the UI and the backend operations interfacing with Persystems' testbench library. Additionally, I have built a separate license check application for Virtual TestBench using Qt and C++.

Drawing from my Master's work where I developed AI-driven applications in Python and managed complex projects in C++ at AVL, alongside my current role at Persystems refining simulation software with Qt and C++, I am well-positioned to excel as a Software Engineer at Bending Spoons. My experience in building scalable applications, such as the Turtlebot3 navigation system with ROS and CI/CD pipelines, equips me to contribute to high-impact projects in your demanding environment. My proficiency in C++ and Python, combined with my expertise in Linux systems and Yocto, aligns with your need for robust, cross-platform software solutions. Additionally, my work on Virtual TestBench at Persystems, utilizing Qts signal-slot mechanism for seamless UI/UX, prepares me to develop user-focused applications that enhance Bending Spoons productivity apps. My familiarity with MySQL and data optimization, along with my collaborative experience in agile settings at AVL and Persystems, ensures I can rapidly integrate into your team and drive innovative solutions for global users.

Among the many skills I have honed throughout my career, teamwork stands out as the most pivotal. My past experiences have emphasized the fundamental truth that sustainable solutions are often the result of collaborative efforts, rather than individual brilliance. I am eager to become part of the team and am committed to contributing my utmost from the very start, beginning immediately.

I would be greatly honoured to receive an invitation for an interview.

Yours sincerely
Milind
Regensburg, 30.07.2025