

# Emmanuel Podestá Junior

SOFTWARE ENGINEER

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*"All we have to decide is what to do with the time that is given to us."*

**Company Recruitment Team**

March 13, 2023

CANONICAL

## Job Application for Software Engineer, Integration QA, Python

Dear all,

### **About Me**

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I have 7+ years experience on parallel and distributed systems focusing on low level development. With my experience, I learned to tackle several tasks to improve problem-solving skills, and increase my knowledge about tools and technologies. In each of those years, I developed and increased my love for challenging tasks and the knowledge that comes with every task solved.

I started my love for learning Computer Science in 2015, when I began my Research and Development project in Universidade Federal de Santa Catarina (UFSC). There I began to improve my skills working with several colleagues and contributing with them in a project. As time goes by, I began to present works based on the project in many conferences and, as the feedback arrives, the project began to improve even more. At the end of my academic undergraduate education, I had worked for many years with C++; had a solid experience with the Linux environment and High Performance Computing; and improved my problem-solving and communication skills. After this experience I decided to improve my academic education with a master's degree. I worked with C and Python to analyze and improve a Distributed Operating System. Every step to improve in this project was followed by communicating with colleagues and selecting the best approach for many problems.

These two projects were open source and have a great length of contributors from many places. Furthermore, during my master's education, the project was highly associated with several other projects in the Operating System subject and had several international contributors. I had the opportunity to work abroad for a University and collaborated with authorities from the project.

There were many other topics approached in an extracurricular manner, such as MySQL, High Performance Computing, Parallel environments, Java, and many other technologies that are comprehensively listed in my resume.

After some years I finished my education and went in search of new horizons. I began to study WordPress, PHP, Javascript, HTML and CSS to learn more about the world of web development.

### **Why Canonical?**

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I always believed in improving peoples lives, even with the tiniest of actions. When I read about Canonical, I recognized how many lives it can reach and how much it can improve people's day-to-day lives.

Since my first days in my academic education I fell in love with open source and the collaborative power it has. Many different people working on the same project striving towards a goal is incredible. I love the feeling of explaining a problem and finding the solution of an issue, the brainstorm of ideas to solve a specific problem or, even, getting a Pull Request accepted after some discussion about better ways to improve it. All of this combined with an active community, a software that can always be improved freely step-by-step to achieve a final goal and a inclusive environment is really alluring.

Finally, I love the Linux environment. I may spend hours configuring my own Operating System to fit my individuality. To work in the company responsible for Ubuntu and several other technologies is really incredible.

### **Why Me?**

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During my +7 years of experience in developing solutions to parallel and distributed systems, I improved a parallel framework power efficiency; introduced a solution that provides means to evaluate features inside a open source Distributed Operating System even without the support for it; and worked with several people from many countries. In these experiences, I developed my problem-solving skills, introduced several tests for each project, learned how to communicate concisely and work in a cooperative environment (even remotely).

Furthermore, I want to work with open source projects and contribute to them. In these projects, I want to work with talented people, contribute for worldwide technologies and work with a concise communication to provide a better workflow to reach milestones in a project. With each goal being accomplished, I want to see the project being improved and witness its impact on people.

Finally, I can bring the knowledge from testing High Performance Computing projects, open source contribution experience, concise communication and a highly motivated behavior to surpass every challenge.

Sincerely,

**Emmanuel Podestá Junior**

*Attached: Curriculum Vitae*