

**Name: Jean Claude TWAGIRIMANA**

**Nationality: Rwandan**

### **Professional Summary**

I am plumbing professional and chief instructor in Plumbing Rwanda Polytechnic, widely recognized as a founder and in developing the Rwanda Plumbers Organization (RPO) which is a national body of Plumbers dedicated to improving plumbing professionalism, standards, training, and public health outcomes. My work centers on capacity building, advocacy for national plumbing codes and certification schemes, and strengthening skills development for plumbing practitioners in Rwanda.

### **Current Roles**

- ✓ Chairman of *Rwanda Plumbers Organization (RPO)* to lead strategic direction, industry advocacy, and capacity building initiatives for plumbers nationwide and advocates for plumbing certification, standards adoption, and regulatory frameworks in Rwanda.
- ✓ Plumbing Chief Instructor who Provides technical training and mentorship for plumbing students and practitioners, including development of practical curricula aligned with international best practices.

### **Key Achievements**

- ✓ Founder & Leader of the Rwanda Plumbers Organization (first national plumbing body in Rwanda).
- ✓ Recipient of the World Plumbing Council – United Association Instructor Training Program Scholarship for trainers from developing countries (2017).
- ✓ Led RPO in partnership with the International Water, Sanitation and Hygiene Foundation (IWSH) and other stakeholders to provide community WASH solutions during the COVID-19 pandemic.
- ✓ Directed design and deployment Rwanda plumbing Code and standard in Collaboration with IAPMO through IWSH and initiated Plumbing licensing program in collaboration with Rwanda Standard Board, Rwanda Utility Regulatory Authority and Ministry of Infrastructure.
- ✓ Established and organized national plumbing annual training program and motivated World plumbing council Africa Capacity building program opened in September 2025 in Zambia.

### **Professional Skills**

- ✓ Plumbing training & TVET curriculum development in Plumbing Technology
- ✓ Industry standards advocacy & implementation
- ✓ Technical partnerships & stakeholder coordination
- ✓ Public health outreach in water and sanitation
- ✓ Project leadership and community engagement

### **Key Contributions**

- ✓ Drafting **practical assessments** for plumbing trainees (water supply, sanitation, drainage)
- ✓ Developing **business cases and concept notes** for a national plumbing code and certification program
- ✓ Organizing agendas and advocacy activities around **World Plumbing Day**
- ✓ Promoting the link between **plumbing quality, infrastructure sustainability, and public health protection**

### **Impact**

Through training, advocacy, and institutional collaboration, I contribute to building a competent plumbing workforce and to embedding standards-based practice within Rwanda's construction and public health landscape.