

## Professional Summary

---

Results-driven Lead Plumber with over 11 years of hands-on experience in California's residential and commercial plumbing industry. Expert in leading projects from rough-in to final inspection, ensuring full compliance with CPC, OSHA safety standards, and the highest quality benchmarks. Combines advanced technical skills with effective leadership to supervise crews, coordinate with trades, and deliver projects on time and within budget. Leverages a unique background in Environmental Engineering to implement sustainable and efficient plumbing solutions.

## Core Competencies

---

- **Project Leadership**
- **Crew Supervision & Training**
- **Blueprint Reading (AutoCAD)**
- **California Plumbing Code (CPC)**
- **Quality & Safety Compliance**
- **Material Takeoffs & Costing**
- **AI & Software Proficiency**
- **Applied Engineering Principles**
- **Sustainable/Green Plumbing**

## Professional Experience

---

### Lead Plumber / Journeyman

Bay Area, CA | 2012 - Present

*Companies include: VILLARA Building Systems, TAO LTD, Mike Counsil Plumbing*

- Led and supervised plumbing crews on residential construction projects, ensuring the correct installation of water, drain, waste, and vent (DWV) systems according to blueprints and specifications.
- Interpreted blueprints and diagrams to plan plumbing layouts, perform material takeoffs, and coordinate job site logistics.
- Served as the primary on-site point of contact, collaborating with construction supervisors, city inspectors, and other trades to ensure seamless workflow and proactively resolve conflicts.
- Implemented and enforced strict job site safety protocols, resulting in zero reportable incidents and maintaining compliance with OSHA regulations.
- Managed on-site inventory of materials and equipment, performing accurate projections to minimize waste and prevent project delays.

### Environmental Project Engineer

Colombia | 2004 - 2011

*Advanced Engineering Company LTDA, Aguas y Aguas de Pereira, and others*

- Designed and managed hydraulic infrastructure projects, including wastewater treatment and sewerage systems.
- Conducted environmental audits (ISO 14001) and developed management plans to ensure regulatory compliance and sustainability.

## Education & Languages

---

### Bachelor of Science in Environmental Engineering

Universidad Libre de Colombia, Pereira

### Languages

Bilingual: Spanish (Native), English (Professional)