



# MICHAEL ANDERSON

## Senior Water Resource Engineer

Experienced Public Works Engineer with over 11 years of expertise in water resources management and environmental sustainability. My career has been dedicated to developing efficient water systems and addressing urban drainage challenges. I possess strong analytical skills and a thorough understanding of hydrology and hydraulics, which I apply to design effective water infrastructure solutions.

### WORK EXPERIENCE

#### Senior Water Resource Engineer

2020-2023

River Valley Water Authority

- Led the design and implementation of a \$7 million stormwater management system that reduced flooding risk.
- Conducted hydrological modeling to optimize water flow and drainage.
- Collaborated with local and state agencies to ensure project compliance with environmental laws.
- Managed a team of engineers in the development of water conservation programs.
- Engaged with community stakeholders to address water-related concerns and solutions.
- Prepared comprehensive reports for funding agencies, securing necessary project grants.

#### Public Works Engineer

2019-2020

Environmental Solutions Inc.

- Designed and implemented water treatment facilities, improving local water quality.
- Conducted field studies to assess the performance of water systems.
- Utilized GIS tools for mapping and analyzing water distribution networks.
- Collaborated with environmental scientists to develop sustainable water management practices.
- Managed project timelines and budgets, ensuring effective resource allocation.
- Presented engineering solutions to community boards, enhancing public understanding of water issues.

### ACHIEVEMENTS

- Implemented water conservation measures that resulted in a 30% reduction in usage during drought periods.
- Received a state award for excellence in water resource management in 2021.
- Successfully developed and executed a public awareness campaign on water conservation that increased community participation by 40%.

### CONTACT

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### EDUCATION

#### Master of Science in Water Resources Engineering

University of Florida  
2010

### SKILLS

- Water resources management
- Hydrology
- Environmental compliance
- Project management
- GIS
- Community engagement

### LANGUAGES

- English
- Spanish
- French