

George Anderson

Water Treatment Specialist

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Profile Summary

Experienced Water Treatment Specialist with over 7 years of expertise in water quality analysis, system installation, and environmental compliance. Proven track record of optimizing water treatment processes to ensure sustainability and safety. Adept at collaborating with cross-functional teams to achieve quality objectives and improve operational efficiency.

Work Experience

Senior Water Treatment Specialist

Blue Water Systems Inc.
1st March, 2018 - Present

- Led a team of 5 in the implementation of a new filtration process, reducing waste by 30% and improving water purity levels.
- Coordinated with local environmental agencies to ensure compliance with updated regulations, resulting in a successful audit with zero non-conformances.
- Developed and conducted training programs for junior specialists, improving team efficiency by 25%.

Water Treatment Technician

EcoPurify Corporation
1st June, 2015 - 28th February, 2018

- Conducted regular site inspections and maintenance checks on water systems, ensuring operational efficiency and reliability.
- Assisted in the design and rollout of a new water treatment plant layout, improving flow efficiency by 15%.
- Monitored water quality metrics, identification and troubleshooting of anomalies led to a 20% decrease in contamination incidents.

Education

Harvard University

Master of Science in Environmental Engineering
1st September, 2013 - 31st May, 2015

University of Illinois at Urbana-Champaign

Bachelor of Science in Chemical Engineering
1st September, 2009 - 31st May, 2013

Skills

Water Quality Analysis, System Design, Environmental Compliance, Team Leadership,
Process Optimization

Notable Projects

River Restoration Initiative

Led a multi-disciplinary project focused on restoring a local river ecosystem, employing innovative treatment methods to reduce pollutants by 40%.

Certifications

Certified Water Quality Specialist

Issued by American Water Works Association, 1st April, 2017

Awards

Environmental Excellence Award

Awarded by Illinois Environmental Protection Agency, 15th May, 2020