

Jamal Whitaker

Plumbing Designer

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SUMMARY

Plumbing designer with 5 years of plumbing design for hospitals, labs, offices and retail buildouts, working in Revit and AutoCAD. Sizes domestic water, sanitary, storm and medical gas plumbing systems to the IPC and coordinates them with mechanical and fire protection trades. Brings problem-solving skills to tight ceiling spaces and old building conditions.

EXPERIENCE

Plumbing Designer 05/2023 - Present
Peachtree MEP Consultants Atlanta, GA

MEP engineering firm of 90 with healthcare and higher education clients.

- Design plumbing systems in Revit for hospital and lab projects totaling **1.2M** square feet.
- Calculate domestic water and drainage pipe sizes to the IPC with fixture unit tables in Excel.
- Coordinate sleeves and pipe slopes with mechanical and structural models, resolving 150 clashes on a 9-story tower.
- Survey existing buildings for renovations and turn field notes into AutoCAD backgrounds within 2 days.

MEP Drafter 06/2021 - 04/2023
Chattahoochee Engineering Group Marietta, GA

Engineering firm of 30 serving retail, restaurant and multifamily developers.

- Drafted plumbing and HVAC plans in AutoCAD for 30 retail and restaurant buildouts.
- Created riser diagrams and fixture schedules for 12 multifamily buildings in Microsoft Office templates.
- Resolved contractor RFIs on pipe routing, most within 3 business days.
- Reviewed 40 fixture and water heater submittals against the specifications for the project engineer.

SKILLS

- Revit
- AutoCAD
- Plumbing Design
- Plumbing Systems
- IPC
- Microsoft Office
- Excel
- Problem-Solving Skills
- Communication Skills

EDUCATION

Bachelor of Science
Kennesaw State University
Mechanical Engineering Technology
Marietta, GA
05/2021

CERTIFICATES

Certified in Plumbing Design (CIPD)
American Society of Plumbing Engineers
03/2025