

HENRY BROWN

Established Civil Engineer with over 5 years of experience designing and managing infrastructure projects. Committed to delivering high-quality solutions with a strong understanding of engineering principles and a track record of successfully completing complex projects on time and within budget.

PERSONAL DETAILS

- Name**
Henry Brown
- Address**
London, UK
- Phone number**
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- Email**
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EDUCATION

- Master of Science in Civil Engineering
University of London, 2017
- Bachelor of Engineering (Honours) in Civil Engineering
Manchester University, 2015
Relevant Coursework: Structural Engineering, Geotechnical Engineering, Project Management.

COURSES AND CERTIFICATES

- Chartered Engineer (CEng) - Institution of Civil Engineers (ICE)
- Health and Safety in Construction (CSCS card)

TECHNICAL SKILLS

- AutoCAD, Civil 3D, Revit, STAAD.Pro, SAP2000, Primavera P6, Microsoft Office Suite (Word, Excel, PowerPoint), GIS software (ArcGIS), 3D Modeling and Rendering (SketchUp)

SKILLS

- Structural Analysis and Design
- AutoCAD and Civil 3D
- Project Management
- Geotechnical Engineering
- Construction Supervision
- Cost Estimation and Budgeting
- Environmental Impact Assessment
- Building Regulations and Codes Compliance

WORK EXPERIENCE

Senior Civil Engineer, BCA Consultancy | London, UK, 2020 - Present

Led design and implementation of major road expansion projects, coordinating with architects, surveyors, and contractors to ensure timely completion and adherence to specifications. Conducted structural analysis and designed reinforced concrete and steel structures for various commercial and residential buildings. Prepared detailed cost estimates and project budgets, minimising cost overruns and optimising resource allocation.

- Implemented efficient construction methodologies, reducing project schedules by 15% and meeting all quality and safety standards.
- Conducted structural analysis and designed reinforced concrete and steel structures for various commercial and residential buildings, resulting in cost savings of 10% on materials.
- Assisted in the mentoring and training of junior engineers, fostering their professional growth and development

Civil Engineer, AT Engineering Solutions | Manchester, UK, 2017 - 2020

Designed stormwater drainage systems and sewage networks for various municipal projects, ensuring compliance with local regulations and environmental standards. Conducted geotechnical investigations and soil analysis to assess foundation conditions for various infrastructure developments. Collaborated with urban planners and architects in urban renewal projects' conceptualisation and planning phase. Monitored construction activities on-site, resolving technical challenges and ensuring adherence to design specifications.

- Achieved 100% compliance with local regulations and environmental standards for stormwater drainage systems and sewage networks in municipal projects.
- Successfully completed geotechnical investigations and soil analysis for multiple infrastructure developments, resulting in 20% reduction in foundation-related construction issues.