

Miles J Phillips

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Technologist, Educator, Designer

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Having transitioned from a design & management career in construction into the technology sector, I bring unique perspectives to technical challenges and products including:

- Experience delivering extremely complex projects with interdisciplinary teams
- A hunger to work on fast moving software projects, but with an eye for detail and quality
- Well honed communication and briefing skills, along with technical knowledge and a teacher's knack for explaining complex ideas to non-technical stakeholders

Specialties: Data Engineering, Appropriate Technology & Automation, Business Management, Team Leadership, Project Delivery, Building Information Modelling (BIM), CAD Standards, 3D Modelling, Teaching & Training.

Education

Year	Course	School
2024	Data Engineering Bootcamp	Northcoders
2014	PGDip in Professional Practice & Management in Architecture (ARB/RIBA Part 3)	The Bartlett, UCL
2010	M.Arch in Architecture (RIBA Part 2)	University of Sheffield School of Architecture
2006	BA (Hons) Architecture, 2:1 (RIBA Part 1)	

Experience

Employment		
Dates	Role	Employer
2022-2023	Director: Practice leader, including strategic responsibility for technology, IT, and resource management & reporting.	TSH Architects, Oxford
2019-2022	Associate: Heritage and refurbishment practice lead, including building relationships with new and existing clients including Lincoln College, Oxford, St John's College, Oxford and Rugby School.	
2015-2019	Senior Architect: Leading heritage, education and sports projects across the South East up to £10M, including projects for Lincoln College, Oxford and St Hilda's Collge, Oxford. Improving office QA and standards adoption. Delivering BIM pilot projects.	
2021-2023	Associate Lecturer: Assisting with preparation, delivery and assessment of Construction Management degree-level courses.	Oxford Brookes University, London
2015-2018	Visiting Lecturer: Developing and delivering CAD courses for professionals.	London Metropolitan University, London
2014-2015	Architect: Managing university projects up to £5M in value from feasibility to completion. Leading consultant teams. Working with sensitive listed buildings and churches.	Molyneux Kerr Architects, London
2011-2014	Part II Architectural Assistant	
2012-2013	Visiting Lecturer: Developing & delivering a course in technical drawing, digital imagery, 2D and 3D drafting and presentation skills. Reviewing and grading year-end presentations and submissions.	University of Bedfordshire, Luton
Nov 2011-Jan 2011	Videographer, Web & Graphic Consultancy: Writing, shooting, designing & producing documentary-style promotional videos. Consulting on branding and graphics. Assisting in developing and running workshops for children displaced from informal settlements.	Shelter Associates, Pune, India
2007-2011	Part I Architectural Assistant	Harper Downie
2006-2007	Part I Architectural Assistant	Hypostyle

Skills

Data Engineering: Building and managing databases, APIs, and robust back end applications using Python and PostgreSQL. Fastidious about robust data management and test driven development.

Management & Strategy: Seasoned SME leader, including wide ranging responsibilities for strategy, profit & loss, employment and business development. Experience designing, creating and implementing profitability tracking tools.

Architecture: Experienced at all stages of design, leading and managing projects from inception to completion: feasibility, permissions, tender processes and Contract Administration. Well versed in UK development context.

Communication & Management: Skilled communicator, personable and sociable. Experienced at managing multiple projects, prioritisation, delegation, and working to tight deadlines.

Graphic Design: An eye for graphical presentation and clean, clear visual communication. Academic grounding in the theory and practice of information design.

Programming Languages: Python, JavaScript HTML CSS

Tools and Frameworks: Git, PostgreSQL, FastAPI, Linux

Software & Technologies: Revit, AutoCAD, Vectorworks, Adobe CS Suite, Affinity, SketchUp (expert)

Others: BIM & CAD / Technical Drawing / Video Production/ 3D & Vizualisation

Interests

Accomplished vocalist and musician within classical, folk and pop traditions. Regular hiker with wide experience of outdoor pursuits. Well travelled. Continuing interest in literature & philosophy.