



Andrew Osula

DUBAI • UNITED ARAB EMIRATES

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CV • DESIGNED VIEW

Digital Design Delivery & Operations Leader ARB Architect.

Digital Design Delivery & Operations Leader and ARB-registered Architect with 15+ years' experience spanning architecture, BIM and information management, AEC technology consulting, digital delivery and enterprise operations. I translate fragmented processes into governed, data-led and automated workflows, combining Revit and ISO 19650 expertise with design automation, digital QA, business systems and AI-enabled / agentic workflows.

CORE EXPERTISE

DIGITAL DESIGN DELIVERY

BIM & INFORMATION MANAGEMENT

ISO 19650 & CDE GOVERNANCE

REVIT & MODEL QA/QC

DESIGN AUTOMATION & QUANTITY TAKE-OFF

DIGITAL OPERATIONS

CROSS-DEPARTMENT PROCESS IMPROVEMENT

DATA & RESOURCE PLANNING

POWER PLATFORM & MICROSOFT 365

AI AGENTS & AGENTIC WORKFLOWS

CAPABILITY DEVELOPMENT & CHANGE

EXECUTIVE REPORTING & DASHBOARDS

PROFESSIONAL EXPERIENCE

Digital Operations Lead | Mirage Leisure & Development

Dubai, UAE • 07/2024 - Present

- Lead improvement initiatives spanning Architecture, Interiors, Quantity Surveying, Marketing, Planning & Project Controls, HR and IT, translating operational needs into standards, workflows, dashboards and scalable digital systems.
- Develop ISO-aligned delivery frameworks, project folder and naming standards, project starter kits, controlled templates, resource hubs and information-management controls.
- Lead development of a POMI-aligned BIM quantity take-off framework linking Revit data structures, shared parameters, Dynamo classification, model QA gates and DimensionX validation.
- Build and govern SharePoint, Power Automate and Power Apps workflows for project setup, technical reviews, vendor processes, document control and internal operational systems.
- Improve Design Studio resource planning through a structured Project Planner aligned with Deltek reporting and Power BI dashboards. Established reporting improvements reduced manual activity by 6-8 hours per week.
- Lead evaluation and adoption of creative AI platforms including Krea and Magnific and explore governed use of OpenAI Codex, Anthropic Claude and Microsoft Copilot.
- Partner with HR and management on recruitment, interviews, performance-management improvements, training, mentoring and internal digital resources.

Senior Digital Coordinator | Brewer Smith Brewer Group (BSBG)

Dubai, UAE • 09/2021 - 07/2024

- Worked across IT, HR, Operations and project teams to improve digital processes, information flow and adoption.
- Automated candidate skills assessment and supported workflow improvements for onboarding, software deployment, model reviews and QA/QC.
- Developed Power BI reporting and digital KPIs to improve project visibility, tracking and resource planning.
- Supported BIM strategy development for a major cultural project in Saudi Arabia and explored Autodesk Tandem and Asset Information Requirement workflows.

Project Implementation Specialist | Microdesk Ltd.

London, UK • 11/2018 - 07/2021

- Advised AEC organisations on integrating new technology into business-as-usual operations, aligning implementation with delivery requirements, user adoption and measurable business objectives.
- Designed connected workflows and digital applications to improve consistency, reduce manual effort and strengthen multidisciplinary collaboration.
- Created implementation roadmaps, adoption plans and key-user capability programmes.

Solutions Specialist - Architecture | Microdesk Ltd.

London, UK · 03/2017 - 10/2018

- Managed a team establishing BIM standards and procedures across Singapore, New York, Scotland and the UK.
- Led ISO 19650 accreditation work and BIM standards for 150+ employees across 5 offices on 3 continents.
- Delivered structured training for 120+ staff over 8 months and contributed to troubleshooting tools that reduced project downtime by up to 30%.

Architect | Arney Fender Katsalidis

London, UK · 07/2014 - 02/2017

- Supported Common Data Environments, data exchange protocols, project folder standards, content libraries and digital workflow consistency.

Architects Assistant Part II / Part III | Pollard Thomas Edwards

London, UK · 07/2011 - 07/2014

- Produced drawings, specifications and construction documentation across RIBA stages, with Revit, point-cloud-to-model, BREEAM and quality-control experience.

Architects Assistant - Part II | David Miller Architects

London, UK · 07/2011 - 11/2011

- Produced BIM models, measured-survey outputs, visualisations and layout drawings for design development and client communication.

SELECTED DIGITAL RESEARCH & INNOVATION

- **AI agents & agentic workflows:** Controlled patterns for task orchestration, context design, human approval and multi-model workflows using OpenAI Codex, Anthropic Claude and Microsoft Copilot.
- **AI-assisted application development:** Prototypes and operational web applications using GitHub-led workflows, Python-assisted development and modern AI coding tools.
- **Information systems & knowledge automation:** Structured knowledge retrieval, reusable business-information models, governed AI search and automation patterns connecting people, process, information and systems.

EDUCATION & PROFESSIONAL REGISTRATION

- Architecture Postgraduate Diploma, Professional Practice (RIBA Part III) - University of Westminster, 2012-2013
- Master of Architecture (MArch, RIBA Part II) - University of Westminster, 2009-2011
- ARB / RIBA Registration - 04/2014 - Present
- Autodesk Construction for Implementation - 12/2020 - Present

TECHNICAL CAPABILITY

- **BIM & Delivery:** Revit, Navisworks, Autodesk Construction Cloud, Autodesk Forma, DimensionX, model federation, model QA/QC; Autodesk Tandem exposure
- **Information Management & Governance:** ISO 19650, BIM Execution Plans, EIR / AIR, CDE governance, naming and classification, data validation, project information standards, SharePoint
- **Automation & Computational Workflows:** Dynamo, Power Automate, Power Apps, Excel, APIs, Python-assisted development; working knowledge of Rhino / Grasshopper and computational-design principles
- **Data & Reporting:** Power BI, Deltek reporting, dashboards, resource planning, structured data models and management reporting
- **AI & Agentic Systems:** OpenAI Codex, Anthropic Claude, Microsoft Copilot, AI agents, agentic workflows, prompt and context design, human-in-the-loop governance
- **Development & Collaboration:** GitHub, Vercel, web application prototyping and version-controlled workflows
- **Design & Visualisation:** Adobe Creative Cloud, Enscape, Twinmotion, Krea, Magnific

AWARDS & RECOGNITION

- UNDP COVID-19 Detect Protect Grand Prize Winner, Project Theia, 2020
- Blueprint for All (SLCT) Honorary Bursary, 2009-2015
- University portfolio selected for exhibition to the Duke and Duchess of Cambridge