

CURTIS ALEXANDER BOLDEN JR

VDC MANAGER

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SUMMARY

Accomplished BIM and Virtual Design & Construction (VDC) leader with over a decade of experience guiding multidisciplinary teams across commercial, residential, hospitality, healthcare, industrial, pharmaceutical, educational, civic, aviation, water/wastewater, environmental and data center sectors. Expert in digital delivery, structural design, and model coordination through all project phases, from schematic design to construction administration. Proven success implementing BIM standards, QA/QC frameworks, and emerging technologies such as point cloud, Scan-to-BIM, and LiDAR integration. Known for elevating collaboration among architecture, engineering, and construction disciplines while mentoring teams and optimizing workflows to deliver precision, efficiency, and innovation in every project.

EXPERIENCE

BIM Designer II

Wade trim

📅 11/2024 - Present 📍 Detroit, MI

- Partner with structural engineers to deliver BIM-driven design and documentation throughout schematic design, design development, and construction phases
- Strengthen project quality through model-based coordination and structural analysis support aligned with firmwide QA/QC protocols

BIM Department Manager

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📅 11/2023 - 11/2024 📍 Dallas, TX

- Directed BIM department operations encompassing quality control, production oversight, staff training, and performance management
- Cultivated a culture of excellence through structured mentorship and continuous-improvement initiatives elevating departmental efficiency

BIM Project Manager

Magnusson klemencic associates

📅 05/2022 - 11/2023 📍 Seattle, WA

- Oversaw BIM production for the Residential & Hospitality Division; coordinated modeling deliverables across design disciplines
- Led, coached, and evaluated BIM staff while ensuring adherence to project schedules, model integrity, and client standards

Senior Structural Designer

Ardurra group

📅 07/2021 - 05/2022 📍 Raleigh, NC

- Directed structural BIM workflows from schematic design through construction administration
- Implemented and maintained BIM libraries, templates, and standards

Structural Designer

Select structural

📅 07/2019 - 07/2021 📍 FI

- Delivered structural design and BIM support for commercial and infrastructure projects
- Coordinated directly with engineering leads on deliverable execution

Structural Designer

Tk architects international

📅 03/2016 - 07/2019 📍 Kansas City, MO

- Produced coordinated structural drawings for entertainment and mixed-use facilities through all project phases
- Contributed to design reviews, RFIs, and cross-discipline coordination meetings to maintain schedule fidelity and design intent

EDUCATION

Architectural Engineering Technology

Associate of Science

📅 05/2015 📍 Independence, KS

- Independence Community College - Independence, KS |

SKILLS

Revit	AutoCAD	Navisworks	Advance Steel	Plant 3D	Civil 3D	ReCap	Rhino	BlueBeam
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