

# 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

#### L.a. fuess partners

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 FL

- 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