

Zeki Mehmet AKCAN

PROFILE

Birth: 21.02.1990 | **Nationality:** Turkish | **Location:** Turkiye | **Mobile:** +90 534 348 83 83

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KEY ATTRIBUTE

Proficient in computer-aided design and BIM methodology since 2014
Experience of design automation using Generative Components and Dynamo
Developing innovative solutions using computer programming
Experience in customization and scripting within BIM applications
Supporting projects by visualizations, 4D animations, 5D quantity take-off and cost analyses
Hands-on experience in BIM processes and working knowledge on national BIM standards
Experience in writing BIM Execution Plans and other key BIM documents
Experience in working in interdisciplinary design teams
Experience in the coordination of interdisciplinary designs within the 3D environment
Expert in Revit, NavisWorks, Dynamo and Autodesk ACC solutions

EDUCATION

Mimar Sinan Fine Arts University	Istanbul
<i>Master Degree , Thesis Title : Use of AI Algorithms To Create Architectural Schematic Plan</i>	<i>Sep. 2019- Sep. 2022</i>
Okan University	Istanbul
<i>Bachelor of Architecture</i>	<i>Sep. 2009- July 2014</i>

EXPERIENCE

BIM Manager - <u>Gap Construction</u>	Feb. 2023 – Present
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Projects : Oncology, Stomatology, Pediatric Hospital Projects, Kiyanlı Fertilizer Plant (Turkmenistan)

- Strategic plans were developed and implemented for the acceptance and adoption of the BIM methodology within the company
- Processes were analyzed and adapted to make conventional methods compatible with the BIM methodology.
- Provided guidance and delivered necessary training to project teams for effective management of BIM projects.
- Stayed updated on BIM technologies and tools to provide recommendations for optimizing the company's BIM strategies and processes.
- Collaborated with different departments to support the transition to the BIM methodology and managed the process.
- Oversaw subcontractors' integration into the BIM methodology, ensuring adherence to project standards and protocols.
- Coordinated interdisciplinary collaboration to ensure seamless integration of BIM processes across all project stakeholders.

BIM Coordination Expert - <u>Daax Construction</u>	Sep. 2021 – Dec. 2022
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Projects : Central Bank Of Iraq (Iraq)

- Coordination of MEP disciplines in the field within the BIM system. Tools: Revit, Navisworks
- Clash and Model Quality Control. Tools: Autodesk Revit, Dynamo, Autodesk Navisworks, Python
- Modeling parametric system in Autodesk Revit

BIM Manager - <u>Bold Architecture</u>	July 2017 – Sep. 2021
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Projects : Ercan International Airport (Cyprus) - Technopark Project Stage 3 (Turkiye) - Istanbul University Avcilar (Turkiye) - Sisli Mixium Project (Turkiye) - Munih Hotel Project (Germany) - Etiler Hotel Project (Turkiye)

- Construction review with Point Cloud, manage Clash Control, Model Quality Control and Document Management workflows.
Tools: Autodesk Revit, Dynamo, Autodesk Navisworks, Python, ACC, Autodesk ReCap, Cintoo Cloud
- Developing and improving In-house BIM methodology. Checking BOQ system and Revit Family parameters.
Tools: Autodesk Revit, Dynamo, Python
- Implementation project to BIM methodology. Tools: Autodesk Revit, Dynamo, Autodesk Navisworks, Python
- Creating scripts to increase workflow efficiency and save time.
Tools: Autodesk Revit, Dynamo, Python
- Mentoring new hires. Teaching BIM methodology
- Supporting projects in all design development phases: stadium, tower, public building and etc.

BIM Architect - Bold Architecture

Sep. 2015 – July 2017

Projects : Prof.Dr. Cemil Tascioglu City Hospital (Turkiye), Sisli Anatolian Vacotional High School (Turkiye), Kartal Nursing Home (Turkiye), Kaptanpasa Mixium Project (Turkiye)

- Modeling in Autodesk Revit
- Creating scripts to increase workflow efficiency and save time.
- Supporting projects in all design development phases: stadium, tower, public building and etc.

BIM Architect - Seyas

Feb. 2014 – Sep. 2015

Projects : Halk Bank Headquarter (Turkiye)

- Modeling in Autodesk Revit
- Working within BIM environment

CERTIFICATES & LECTURES

Certificates

Neural Networks and Deep Learning

[Show Certificate](#)

- Foundational concept of neural networks and deep learning.

Machine Learning

[Show Certificate](#)

- A broad introduction to machine learning, data mining, and statistical pattern recognition.

BuildingSMART PCERT

[Show Certificate](#)

- buildingSMART International Professional Certification Program. Verify Code:CLChu9wiIT

Lectures

Revit Lecture Series - 1

[Show Item](#)

- Designer and presenter of the lecture series, teaching project design in Revit 2020 for beginners.

Revit Lecture Series - 2

[Show Item](#)

- Designer and presenter of the lecture series, teaching Revit 2020 from beginner to advanced levels.

Istanbul Technical University

BIM Lessons

- Took part in the master degree lessons in the role of assistant teacher for 2 years.
Lesson Name: "MTZ 506E: Special Topics in Architecture 2"

Yıldız Technical University

BIM Lessons

- Took part in the undergraduate lessons in the role of assistant teacher for 2 years.
Lesson Name: "MIM4111: Building Information Modeling"

SKILLS

Languages: English, Turkish

Tools: Autodesk Revit, Autodesk Navisworks, Dynamo, Autodesk Construction Cloud, pytorch, Autodesk ReCap, Cintoo Cloud, Autodesk Tandem, Synchro 4D Pro, Autodesk Forma, Prospect by IrisVR

Developer Tools: Python, HTML, Django, Visual Basic, LaTeX, GANs algorithms, pix2pix