ROTARU FLORIN

BIM/Digital Engineering specialist and professionally qualified Mechanical Engineer with immense 6+year experience in Revit, Plant3D, Advance Steel and Mechanical modeling, Scan to BIM, Coordination and Design optimization,
Multiple Projects Co-ordination including High-Rise, Commercial Buildings and Process Plant Layout and Piping Design.
I have achieved high productivity and time efficiency in BIM projects simultaneously using Revit, Autocad Plant3D and Navisworks for clash detection.
Being a BIM practitioner and having a solid background in BIM/VDC with sound knowledge in Revit, Autocad Plant3D and Navisworks,
I have had opportunities to render my services to take the project from a nascent stage to develop fully from design
to construction set of documentation through various necessary stages with complete Co-ordination and management.

PERSONAL

Name
Rotaru Florin

Address
street Ciobanasi nr.43 ,
Ploiestori,Blejoi,Prahova
107070 Ploiesti

Phone number
+40735143019

Email
florin_rot@yahoo.com

INTERESTS

- BIM and Digital Technology
- Programming language-Python
- Linux and Unix operating system

EDUCATION AND QUALIFICATIONS

Oct 2007 - Jul 2010 | **Master's degree.**
PETROLEUM-GAS UNIVERSITY OF PLOIEŞTI, Ploiesti

Oct 2001 - Jul 2007 | **Bachelor's degree.**
PETROLEUM-GAS UNIVERSITY OF PLOIEŞTI, Ploiesti

Sep 1998 - Jul 2001 | **High-school**
Energy Technological High School "Elie Radu", Ploiesti

WORK EXPERIENCE

Nov 2017 - Present | **BIM Specialist**
AECOM, Bucharest

- Responsible for managing CAD hardware and software systems for the design teams;
- Identify opportunities and recommendations for increasing workflow efficiencies;
- Recommend best practices for solutions to meet customer business needs.
- Configuration, implementation, maintenance of computer aided engineering applications in the field of computer aided design

Mar 2017 - Nov 2017 | **BIM COORDINATOR / Mechanical Enginner**
Tebodin Consultants & Engineers SRL, Bucharest

- Manage database settings for PLANT3D
- Manage database settings for Revit
- Assigned to Tebodin Netherland Elsloo Office
- Responsible for align with others office from Tebodin Europe

Feb 2013 - Mar 2017 | **Mechanical Enginner**
Tebodin Consultants & Engineers SRL, Ploiesti

- Manage database settings for PLANT3D, Navisworks and Revit
- Manage general arrangement, isometrics and 3D Models
- Owner for four buildings
- Detailed 3D modelling of equipment, pipe routings according to P&ID's, supports using Plant 3D, piping classes
- Assigned to Tebodin Ukraine CFI Lviv Office for tender phase and I was involved for basic piping studies, 3D routing using Revit MEP according to

P&IDs, and modelling equipment, general arrangement of piping and equipment, MTO for the utility systems of a car factory (automotive industry), piping input for CAPEX

- 3D piping routing using Cadworx, Isometrics
- Modeling and documentation for Detail design for Burcioaia & Madulari
- Site survey for Petrom project
- Detail design for Petrom project
- Conceptual / Feed phase for Petrom project
- Data sheet (static and dynamic equipment)
- Drawings for Equipment
- Specifications for Equipment
- Installation Manual
- Calculation Notes for vessel pressure and tank

Nov 2009 - Feb 2013

Mechanical Engineer
SC Uzuc Proiect SRL Ploiesti, Ploiesti

- Preparation of final documentation using AutoCAD software (approval drawings and execution details of pressure vessels and mechanical constructions: constructive dimensions, measurement reports, welding joints and their appropriate nondestructive examination, in accordance with applicable normative and/or client's requirements)ASME Code Sect VIII, EN 13445, Ped 5500

Aug 2007 - Nov 2009

Mechanical Enginner
SC IPIP S.A., Ploiesti

- Calculation of existing equipment in the refinery project supervision verifier. Preparing detail drawings of equipment in the plant refinery for Lukoil and Petrobrazi

Aug 1998 - Jul 2007

Electrician
SC Spoting S.A, Ploiesti

- Installation for protection against accidental touch voltages
- Installation of lightning protection of buildings against the effects
- Mounting apparatus and elements of measurement and control equipment and technological pipelines
- Plants signal for transmitting information, and installation of
- Attendants electricians used as heating systems (switches, pots and
- Containers for technological equipment)

SKILLS

Skill	Rating
Revit	★ ★ ★ ★ ★
Autocad Plant3D	★ ★ ★ ★ ★
Autocad	★ ★ ★ ★ ★
Navisworks	★ ★ ★ ★ ★
Inventor	★ ★ ★ ★ ☆
Solidworks	★ ★ ★ ★ ☆
Advance Steel	★ ★ ★ ★ ☆
Civil3D	★ ★ ★ ★ ☆
SolidEdge	★ ★ ★ ☆ ☆
Python	★ ★ ☆ ☆ ☆
Dynamo	★ ★ ☆ ☆ ☆