



Surname	Kramar	Vranić
First-name	Karlo	Nedjeljko
	Dipl.-Ing. El. (TH)	M.El. Eng
birth	1991	1981
experience	2015	2003
Project management	3	2
Presentation	2	2
PH (Pflichtenheft)/SW conception		2
HW Engineering	2	1
SW Engineering	1	1
FDA	2	2
GMP	2	2
IBN/Commissioning	1	1
Energy Concepts		1
Quotation		1
IT / MIS / MES	4	4
Advanced Process Control	SIEMENS 3	2
Bdata Energy Management	SIEMENS	3
Braumat / SISTRAR	SIEMENS	
Braumat based on PCS7	SIEMENS	
FuzzyTechnology	SIEMENS	3
Labview	SIEMENS 4	4
LOGO! Soft	SIEMENS 3	1
MicroWin	SIEMENS	1
Simatic BATCH API	SIEMENS 4	4
NeuroSystems	SIEMENS	3
PCS 7	SIEMENS 2	2
PCS 7 TM/OS	SIEMENS	
PCS/DCS	SIEMENS 3	3
PCS7 Fail Safe	SIEMENS 4	3
PCS7 Simatic Batch	SIEMENS 3	3
PCS7 Route Control	SIEMENS 3	3
PowerRate Energy Management	SIEMENS	3
ProTool	SIEMENS	1
SCALANCE PST	SIEMENS	2
SIMATIC S5	SIEMENS	3
SIMATIC S7	SIEMENS 2	1
SIMATIC S7Graph	SIEMENS 2	1
SIMATIC S7HiGraph	SIEMENS 2	1
SIMATIC STARTER -Sinamics	SIEMENS 3	1
SIMATIC TIAPortal	SIEMENS 2	1
SIWAREX FTA	SIEMENS	3
SIWAREX	SIEMENS	1

WIN CC	SIEMENS	2	2
WinCC Flexible	SIEMENS	3	1
WinCC Flexible Audit Trial	SIEMENS		1
CHEMICAL	BRANCHES	3	2
conveyor	BRANCHES	3	2
F&B	BRANCHES	3	1
Glass, Ceramics	BRANCHES		3
HVAC	BRANCHES		1
Oil + Gas	BRANCHES	3	3
Pharma	BRANCHES	3	3
Refrigeration	BRANCHES		2
Burner Management System	BRANCHES	3	1
others branches	BRANCHES	3	2
Building Management System	BRANCHES	2	1
POWER	BRANCHES		1
High Voltage Power distribution	BRANCHES		1
High Voltage Power Generation	BRANCHES		1
Mining industry	BRANCHES		
Steel Industry	BRANCHES		4
Water Treatment	BRANCHES		3
Hydro Power Plants	BRANCHES		3
Field technic	TECHNICS	2	1
Low and high voltage	TECHNICS	2	1
Modbus RTU/TCP-IP	TECHNICS		1
Networks	TECHNICS	3	3
Robotics	TECHNICS	2	3
Switchboards/drives	TECHNICS	2	3
Fail-Safe IEC61508/61511	TECHNICS	2	4
EX-ZONE Profibus-PA	TECHNICS		4
21 CFR Part 11	TECHNICS	3	3
BATCH ANSI/ISA S88	TECHNICS	3	3
Profinet	TECHNICS	1	1
Profibus	TECHNICS	2	1
OPC	TECHNICS	2	2
Industrial Ethernet	TECHNICS	1	1
800xA Graphics Builder	TOOLS	3	4
ABB Control Builder M	TOOLS	3	4
AutoCad	TOOLS	3	3
CAD(Catia, PRO-Engineer, Solidworks)	TOOLS		
C/C++/C#/VB	TOOLS	2	4
caddy+	TOOLS		2
Conventional technic	TOOLS	2	1
Drawing electric scheme	TOOLS	3	1

E-plan	TOOLS	3	2
Emerson Climate Technologies	TOOLS		1
HTML/DHTML/PHP/MySQL	TOOLS	3	4
Matlab	TOOLS	3	3
PhotoShop	TOOLS	3	2
SCL	TOOLS	2	1
Active X Development	TOOLS	1	
Wonderware InTouch	TOOLS		4
ABB 800xA DCS	BRAND	3	4
AlanBradley CPUs	BRAND		3
Bently Nevada - Vibration monitoring sysem	BRAND		2
Dowtran / MOD5 DCS	BRAND		5
EXOR Electronics Uni-OP HMI	BRAND		3
Omron CPUs and HMI	BRAND		3
Unitronics CPUs, VISIO	BRAND		2
B&R	BRAND		
Honeywell PKS	BRAND		
Siemens PCS7	CERTIFICATES	X	X
Siemens BATCH	CERTIFICATES	X	X
Simatic Route Control	CERTIFICATES	X	X
SCC	CERTIFICATES		X
EmersonClimateTechnology	CERTIFICATES		X
EPLAN	CERTIFICATES		
Cady++	CERTIFICATES		X
ABB 800xA	CERTIFICATES	X	
B&R	CERTIFICATES		
TIA Portal	CERTIFICATES		
Australia WorkSafe Card	CERTIFICATES		X
Fail Safe	CERTIFICATES		
english	LANGUAGE	1	1
french	LANGUAGE		
german	LANGUAGE	2	3
croatian	LANGUAGE	1	1
spanish	LANGUAGE		
others	LANGUAGE		

Henc	Karac	Quaschik	Tonžetić	
Robert	Nikola	Dieter	Mihael	
Dipl.-Ing.El. (TH)	Dipl.-Ing. El. (TH)	Dipl-Ing. El	Dipl. Ing	
1969	1992	1968	1970	
1997	2016			
1	4		4	1
1	3		4	2
2				3
3	3	3	3	4
1	1	2	3	5
2				
2				
2	3		4	1
				2
1				3
3				4
1				5
2				
				x
2				
	5			
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2				
1	2	3	4	
3				
1				
1				
3				
3				
1				
			3	
3	4	3	3	
	3			
	2	3	4	
2				

3	3	4	3
	4	4	
3			
2			
1			
	4		4
2	3		
2	4	4	
3			
			4
2			
	4		
		4	
2	3		3
2	3		
	2		
3	3		3
	5		
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3			
3			
3	2	4	
1	2	4	4
1			
1			4
	3		
	3		
			4
3			3
2			
			4

	4		4
	3		
1	3		4
	4		
	5		
	3		
	3		
	x		
		x	
		x	
	x		
	x		
1	1	1	2
3			
1	5	1	4
1	1		1

Odlično poznajem

Vrlo Dobro poznajem

Dobro poznajem

Snalazim se

Vrlo malo

Excellent

Good

Satisfactory

Sufficient

Insufficient