



Hamburg, GER

Control & Automation Engineer (Mechatronic)

Nov 13 1982 42 years

Porto Alegre, Rio Grande do Sul, Brazil

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Skills

AVEVA Edge / InduSoft Web Studio

100% - Certified Trainer & Support

AVEVA Portfolio

InTouch, Application Server, Historian, OMI, Edge Management, ...

80%

Industrial & IoT

Modbus, OPC UA, MQTT, Kafka, PLCs, Node-RED, Crosser.io...

80%

Coding

HTML, CSS, Javascript, NodeJS, Angular, Python, ...

70%

OS / Embedded

Linux, WinEmbedded, WinCE, Raspberry Pi, Beaglebone Black, Toradex

70%

Databases

MS SQL, MySQL, PostgreSQL, InfluxDB, Oracle, MongoDB

70%

Cloud & Virtualization

Azure, AWS, AVEVA Insight, Docker/Podman, VMs, OpenShift, ...

60%

Languages

English

German

Spanish

Portuguese (BR)

Bittencourt FORNECK, RAFAEL

Industrial digitalization specialist, web technology enthusiast. Control and automation engineer with solid experience in the industrial field, wide technical skills from the plant floor to the cloud, backend and frontend knowledge. Team player, self-learning, early-adopter and always curious about new technologies.

Work Experience

Ind Digitalization Project Manager @ Airbus Aerostructures

Stade, Greater Hamburg

Jul 2023

Oct 2019

Lead initiatives with cross-functional teams to implement digital solutions that optimize manufacturing processes, ensuring seamless data flow between production equipment and enterprise systems. By leveraging industrial IoT, automation, and analytics, I drive digital transformation projects that improve production visibility, traceability, and performance.

Solution Architect @ Factory Software GmbH

Hamburg, Germany

Jul 2023

Oct 2019

Overall technical vision over an industrial digitalization solution proposed by the Sales Team. InduSoft Web Studio/AVEVA Edge specialist. General knowledge over AVEVA portfolio.

Technical Support @ AVEVA / InduSoft Europe

Walldorf/BW, Germany

Sep 2019

Sep 2012

Assist clients worldwide regarding InduSoft Web Studio/AVEVA Edge softwares. Communication protocols, databases, HMI/SCADA, PLC programming. Exhibitor at trade shows, training instructor. Sales support and business development.

Sales Engineer @ Andritz Group / Schuler AG

Greater São Paulo, Brazil

Aug 2012

Jul 2011

Global sales for metalforming presslines and stand-alone presses, mainly for the automobile industry.

Marketing Executive @ Dec Mark Exports Pvt. Ltd.

Pune, Maharastra, India

Apr 2011

Jul 2010

Business development between India and Brazil. Marketing strategies for Indian companies interested in developing business in the Brazilian market.

Process Analyst @ BAT Group / Souza Cruz S.A.

Greater Porto Alegre, Brazil

Mar 2010

Apr 2009

Production team leader. Development of suppliers and production process. Deliver staff training. Performance and OEE for the plant. Machine startup and commissioning.

Production Planner @ BAT Group / Souza Cruz S.A.

Greater Porto Alegre, Brazil

Mar 2008

Sep 2006

Production scheduling. Factory performance control (OEE, plant performance indicators, stock control). Raw materials management.

Education

PUCRS - Pontificia Universidade Católica do Rio Grande do Sul

2000 - 2009 Bachelor degree in Control and Automation Engineer

Fast Learning

AVEVA™ Batch Management 2020
Crosser - Edge Analytics Advanced
Crosser - Edge Analytics Fundamentals
AVEVA™ Historian Client 2020 R2
AVEVA™ Historian Server 2020 R2
AVEVA™ InTouch HMI 2020 R2

AVEVA™ Predictive Analytics 2020 R1 User Client
AVEVA™ Predictive Analytics 2020 R1 Administration
AVEVA™ Application Server 2020 R2
AVEVA™ InTouch for System Platform 2020 R2
AVEVA™ Operations Management Interface 2020 R2
Microsoft Azure Virtual Training Day: Fundamentals