

## SCADA Engineer

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Company: VIVAVIS GmbH

Location: Dubai

Category: architecture-and-engineering

VIVAVIS AG [Press Tab to Move to Skip to Content Link](#) We are VIVAVIS and our mission is “DECODING THE FUTURE”. This means that as a pioneer, we are shaping the future of digital infrastructures. In VIVAVIS we bundle our competencies and our portfolio around infrastructure and infrastructure-related IoT topics. Here we develop solutions that decode complex processes and translate them into intuitive applications: DECODING. More than 10,000 customers from the areas of energy and municipal services as well as industrial and building management already trust in the cross-industry know-how of our group of companies and benefit from the greatest possible added value of our technology. For our Middle East subsidiary in Dubai, we are looking for an ideal candidate to support and add value to our projects and implementation team in the region. Job type: full-time, permanent contract Location: Dubai (UAE) Job Overview: As a SCADA Engineer, you will be responsible for designing, implementing, and maintaining SCADA systems that monitor and control industrial processes and infrastructure. You will collaborate with cross-functional teams, including electrical engineers, software developers, and technicians, to ensure the efficient and reliable operation of our clients' SCADA systems. The ideal candidate has a strong background in SCADA technology, excellent problem-solving skills, and the ability to work in a dynamic and fast-paced environment. Key Responsibilities: Design, develop, and implement SCADA systems for industrial processes, including hardware and software components Collaborate with cross-functional teams to gather requirements, define system architecture, and develop detailed specifications Configure and program SCADA software applications to monitor and control processes, including data acquisition, visualization, alarms,

and reporting Integrate SCADA systems with various industrial control systems, such as PLCs (Programmable Logic Controllers) and RTUs (Remote Terminal Units) ensuring seamless communication and interoperability Conduct system testing and troubleshooting to identify and resolve technical issues, ensuring system reliability and performance Perform system upgrades, modifications, and enhancements to meet changing operational needs and industry standards Develop and implement cybersecurity measures to protect SCADA systems from unauthorized access and ensure data integrity Provide technical support and guidance to end-users and clients regarding SCADA system operation, maintenance, and troubleshooting Stay up to date with the latest advancements in SCADA technology, industry standards, and best practices, and recommend improvements and innovations to enhance system efficiency and functionality Document system designs, configurations, and procedures, and create technical reports and user manuals as required Adhere to project schedules, budgets, and quality standards, ensuring timely and successful project completion.

**Qualifications:** Bachelor's degree in Electrical Engineering, Computer Science, or a related field Demonstrated experience of at least 5-6 years relevant to the job description Proven work experience as a SCADA Engineer or similar role, with a strong background in designing and implementing SCADA systems In-depth knowledge of SCADA concepts, protocols (such as IEC101/104, OPC, Modbus, DNP3), and industry standards (such as ISA-95, IEC 61131) Proficiency in programming languages commonly used in SCADA systems, such as ladder logic, structured text, or function block diagram Experience with SCADA software platforms Experience with industrial control systems, such as PLCs and RTUs, and their integration with SCADA systems Strong troubleshooting and problem-solving skills, with the ability to analyse complex system issues and implement effective solutions Knowledge of cybersecurity principles and best practices related to SCADA systems Excellent communication and interpersonal skills, with the ability to work collaboratively in a team environment and interact with clients and stakeholders Ability to manage multiple projects simultaneously, prioritize tasks, and work under pressure to meet deadlines.

**Other requirements:** UAE Driver's License Strong communication skills including fluency in English.

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