



JOB DESCRIPTION	
Job Title	System Engineer
Department	Engineering
Location	Noida
Duties and responsibilities	<ul style="list-style-type: none">• Partner with cross functional teams to work for end-to-end development strategy.• Lead Scoping, Definition, System Design, Coding development in Embedded C or assemble, Board Bring-Up and Validation of Assembled Boards.• Shape and define the architecture and development strategy for the IoT devices.• Be the subject matter expert in communication protocols like IoT and Wireless edge access Protocols.• Create engineering documents to comply with product development policies, practices, and procedures.• To lead the Assembly line process for Product manufacturing.• Provide the technical insights to the team for their training and development and to solve issues that arise in our customer engagements ensuring 100% customer delight.



Desired Candidate Profile

- Bachelor's engineering degree or higher in a relevant discipline.
- 1+ years hands-on experience with embedded C firmware development for any microcontroller.
- Good understanding on architecture of MCUS and peripherals.
- Experience with memory, power, speed optimized applications.
- Experience with peripheral driver development with bare metal coding for Microcontroller/processor.
- Ability to create thorough test cases for complex embedded applications.
- Experience with over-the-air upgrades to the software and firmware of an embedded systems (e.g., A/B seamless update) is required.
- Hands on experience debugging communication protocols using instruments/analyzers.
- Strong understanding of compiler, linker, and development tools like code composer/cross composer/MP Lab, etc.
- Attitude of thoroughness in requirement gathering, design and validation of the design with strong pride in delivering well thought out and rigorously tested solutions.
- Experience with RTOS, interface libraries USB drivers are additional plus.
- Good programming ability and competence in any middle or high-level programming language such as C++, Python, Visual Studio.
- Experience in PCB design and able to work on industrial tools like Altium/ Egal/ Proteus.
- Experience in CAD design 2D and 3D both.
- Good knowledge of Data Analysis.



Preferred Qualifications	<ul style="list-style-type: none">• Proficient with AWS or Azure cloud computing environments.• Proficient with edge computing principals and architecture.• Experience working in a product development company focused on Agriculture or Life Sciences• Experience in Agile Application Development & Scrum methodologies. <p>Functional:</p> <ul style="list-style-type: none">• Should have excellent communication skills, documentation skills & time management skills.• Strong analytical skills and Problem-solving skills.• Ability to influence and operate effectively within a network matrix organization.
Desired experience	1-2 Years
Remuneration	<ul style="list-style-type: none">• The position will be remunerated with a fixed pay as per industry standards, qualification and performance linked variable pay.• Employee Stock options for deserving ones in due course of time.

- Interested candidates are requested to share their cvs on contact@agronxt.com
- The candidates who are available for immediate joining should only apply.
- The job post expires on 20th Jan 2022.