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| Job Code: JC\_ENG\_014 | Job Title: Principal Engineer, Development – Systems (Hardware) |
| Function: Engineering | Location: Bangalore |

**About Altiux Innovations**

Altiux Innovations is an early-stage Bangalore-based end-to-end Product engineering, OPD and Innovation services company for Industrial, Telecom, Mobile & Wireless, Consumer Electronics and Healthcare verticals. We specialize in building next-gen products, solutions, platforms and IP in emerging technology areas including M2M, Analytics, Smart Devices & Cloud Media, Mobile Apps and UI/UX Design. We aid large MNCs as well as start-ups in joint IP development, proto-typing, New Product Introduction, concept development, art-to-part, validation, cost-out, product re-engineering and emerging market focused solutions.

Altiux is founded in 2013 by senior leaders with several decades of experience in product engineering for Fortune 100 MNCs and startups. Altiux is funded by BitChemy Ventures, technology incubation arm of a $1B group with presence across 10 countries and 8 industry sectors.

**Role Brief**

We are looking for a seasoned engineering talent to be a part of the core engineering team for the company. Role offers opportunity to be a key part of a challenging, fast-paced environment and be the SME (Subject Matter Expert) and shape the technology roadmap in our high-growth, knowledge-driven, young organization.

**Responsibilities**

* Define system hardware architecture for all projects/products.
* Define the mechanical & electrical specifications
* Drive initiatives based on product analysis and propose prototype hardware
* Provide strategic vision and work with teams in developing in-house IP and develop effective solutions for customer programs
* Recognized as the 'Goto' expert in his/her domain within the organization
* Aid engineering managers in estimation and planning of projects
* Assist engineering leadership in hiring and interviewing top talent
* Steer Scrum reviews and stand-up meetings
* Mentor junior staff, conduct design/code/test reviews
* Work closely with Engineering and Sales teams in putting together customer proposals and technical presentations
* Contribute strongly to IP portfolio of the company in the form of patent disclosures, whitepapers, blogs

**Requirements**

* 8+ years of experience in design and development of embedded systems across one or more of the following domains is mandatory - Industrial, Healthcare, Telecom, Mobile & Wireless, Consumer Electronics
* Experience in designing systems based on M2M is desired.
* Knowledge of low power system architecture requirements
* Expertise in Mixed signal design
* Knowledge of Physical design - PCB and/or Package
* Working knowledge of PCB CAD design – schematic capture and layout
* Demonstrated experience in design and implementation of shipped products
* Working knowledge of test and measurement equipment, troubleshooting and electronic debugging
* Knowledge of Industry Certification Standards & Qualification Requirements
* Aware of the latest trends in industry
* Masters or Bachelor’s Degree in Electronics, Communication or Electrical Engineering