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| Job Code: JC\_ENG\_015 | Job Title: Principal Engineer, Development – Systems (Software) |
| 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 software architecture for all projects/products.
* Define OS, firmware, software stack and packages for in-house development projects related to connectivity, M2M, multimedia and other technologies.
* 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.
* Good understanding of OS internals for Linux and familiarity with the kernel
* Complete understanding and experience of writing device drivers for Linux
* Knowledge of bringing up bare metal embedded systems
* Good programming skills in C, C++
* Aware of the latest trends in industry
* Masters or Bachelor’s Degree in Computer Science, Electronics, Communication or Electrical Engineering