



GRAMPOWER

Gram Power (India) Pvt. Ltd.

Ph: +91-141-2358178

Email: info@grampower.com

Website: www.grampower.com

Job Title	Sr. Embedded Software Engineer
Department	Software Development
Location	Jaipur/Delhi
About Gram Power	<p>Gram Power is an energy technology company founded out of Berkeley, California. We have developed disruptive Smart Grid technology to radically change the way electricity is supplied to and consumed by users. Our work has resulted in us designing the lowest cost smart meter in the world, the most advanced power distribution management technology and a Smart Grid solution for delivering energy to remote areas. Our technology enables rural and urban consumers to access reliable and clean energy, and to control and optimize their electricity expenses using their phones. Consumers pay for power just like they purchase recharge coupons for cell phones and interact with their power distribution companies like never before. Our technology also helps eliminate theft, pilferage or non-payment of power bills and was selected by NASA among the top 10 cleantech innovations around the world.</p> <p>We have so far brought Smart Grids to 30 remote areas in rural India and are now poised to take our technology to the national grid by managing power distribution for India's biggest private power distribution company. We will also be soon launching in Africa to bring energy to 1 million families. With strong funders from Europe and Silicon Valley, we are now bringing the benefits of our intelligent energy technology to rural and urban areas worldwide.</p>
About The Position	<p>This position will primarily be responsible for developing robust firmware for various embedded products developed at Gram Power. Besides this, the engineer would play a critical role in designing the architecture of the embedded software stack.</p>

Correspondence Office: 120 Vishnu Marg, Officer's Campus Extension, Near Sanskar School, Jaipur - 302012

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Job Responsibilities	<p>Design and Development:</p> <ol style="list-style-type: none">1. Design and develop firmware for Gram Power's embedded products.2. Ensure that the embedded software stacks are designed and implemented in a way that they can be used across various projects.3. Collaborate with the Embedded Hardware Engineering team to develop highly optimized software.4. Ensure that all firmware is heavily version controlled and documented. <p>Testing and Documentation:</p> <ol style="list-style-type: none">1. Implement unit tests and integration tests for all firmware developed.2. Document all firmware which meets Gram Power's documentation standard.
Qualification and Experience	<ul style="list-style-type: none">• Bachelor's / Master's Degree in Electrical Engineering / Electronics / System Engineering / Computer Science/ in a relevant engineering discipline.• More than five years of <u>relevant</u> industry experience
Competency	<p>Necessary Skills</p> <ul style="list-style-type: none">• Familiarity with various architectures of Microcontrollers (especially MSP430 and AVR)• Expertise in C, C++• Experience in full stack development of the product.• Familiar with at least one high level language, specially for scripting (preferably Python)• Strong experience of working in the Linux/Unix environment• Digital Electronics fundamentals• Knowledge of Software version controlling (git) and Software Development process is a strong plus.• Sound knowledge of Embedded Hardware.• Writing driver level software.• Comfort in using debugging tools such as GDB & JTAG• Familiarity with various communication protocols (SPI, I2C, UART, CAN etc)• General familiarity with data structures and algorithms.• Mathematical modeling of software programs (using Finite State Machines)• Good analytical skills• Team Spirit: Ability to work as a team player and coordinate with other departments
What You Will Get	<ul style="list-style-type: none">• Competitive package• Electric workspace – talented people, open innovation, X-Box, caffeine, flexible and compulsory vacations!• Opportunity to build a critical and large scale system from ground up



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Culture at Gram Power	We support: <ul style="list-style-type: none">• Ideas• Innovation• Autonomy We Expect: <ul style="list-style-type: none">• Hunger for Learning• Unrest for Scale• Problem solver
Interactions with Inter Functional Departments	R&D, Operations, Business Development
Reports to	Project Lead
Contact	Please forward your resume and cover letter to jobs@grampower.com

*** Employee's Roles and responsibilities at the Company can be modified/ changed at the discretion of the management from time to time.

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