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NAME

Headline Section

Experienced VP R&D | Extensive Hands-On and Administrative Experience in R&D, Hands-On Product Development and Project Management

ABOUT

I am an efficient, responsible, and thorough VP R&D with extensive experience in managing R&D, hands-on product development, and project management activities. Having worked in the field for over ____ years, I have acquired a vast amount of business and technical experience that would prove valuable for any company in the industry.

Among the experience that I have amassed, I demonstrate a special expertise in managing multidisciplinary groups, budgeting and risk assessment. I also show strong aptitudes in leading and managing Hardware, Software, Mechanical, Plastic and Algorithm engineering activities. Aside from these important management skills, I demonstrate efficiency in hands-on work in the industry such as end-to-end development of IoT systems from industrial design up to mass production, developing systems, end units, gateways, hardware, firmware, and system mechanics, writing code in multiple applications for various purposes, and writing RTL embedded applications and drivers. I also bring with me a strong knowledge of multiple technical programs and applications, including Linux, Python, MATLAB, C/C++, PlanAhead/XST, ChipScope, Vivado, Modelsim and many more.

Aside from my professional skills, I also bring to the table my excellent interpersonal and communication skills, which I demonstrate in both written and verbal contexts, my strong people management abilities, a razor-sharp efficiency under pressure and tight deadlines, and acute problem-solving skills. On top of this, I possess incredibly fine-tuned self-teaching abilities, and am able to work easily in dynamic environments both independently and in teams.

I also have a passion for learning and have a great amount of university education and professional training under my belt, including a Bachelor of Science in ____ from (School). In addition, I have attended many professional training courses on the subjects of hardware, software and management, including, but not limited to, courses on Linux, Linux Administration, LT Spice, PSpice, Orcad and PMP-Advanced Professional Management Project.



I am highly proficient in English and have worked in this language at a high professional level with native English-speakers from around the globe in frequent communications with international clients.

EXPERIENCE

(Dates)

VP R&D, Company

Company Description. **Job functions include:**

- Lead the company in matters of R&D, including NB-IoT, LTE-CatM, LORA and proprietary systems star and mesh topologies, as well as the customer interface
- Manage employees in different roles such as hardware, software, system engineering, customer support and customer accounts
- Take on end-to-end responsibility for developing IoT systems for applications from industrial design up to mass production and customer support
- Interface with customers during pre-sales and post-sales activities
- Ensure implementation of formal processes to support the product development process
- Develop systems, end units, gateways, base stations, ATE, hardware, firmware, and system mechanics
- Ensure the optimal application of technology and engineering resources to meet product development goals and customer requirements

(Dates)

Project Manager and Hardware Group Leader, Company

Job functions included:

- Managed all product activities from product definition up to mass production
- Led a team of employees
- Defined and established development methodologies
- Managed devs, timetables and tasks
- Coordinated all activities requiring intersection between the development and operations departments

(Dates)



Hardware and Firmware Engineer, Company

Job functions included:

- Wrote RTL embedded applications and drivers
- Designed hardware and boards of mixed analog and digital floating for high voltage products (up to 530 Vac)
- Approved products for safety and environmental purposes

EDUCATION

B.Sc. in ____, (School) (Dates)

SKILLS AND ENDORSEMENTS

1. R&D
2. Product Development
3. Project Management
4. Engineering
5. NB-IoT
6. LTE-CatM
7. LORA
8. Hardware
9. Firmware
10. Software
11. Plastic Engineering
12. Mechanical Engineering
13. Algorithms
14. Algorithm Engineering
15. Analytical Thinking
16. Critical Thinking
17. Leading Teams
18. Internal Communication
19. External Communication
20. Critical Analysis
21. Accuracy
22. Linux
23. Python

24. Bash
25. MATLAB
26. C/C++
27. Visual C++
28. TI-BIOS
29. GCC (Makefile)
30. IAR
31. KEIL
32. SlickEdit
33. Eclipse
34. PlanAhead/XST
35. ChipScope
36. ISE
37. EDK
38. Vivado
39. ModelSim
40. ActiveHDL
41. LT Spice
42. PSpice
43. Priority
44. Jira
45. GIT
46. Confluence
47. Visio
48. People Management
49. Pycharm
50. Spyder

ACCOMPLISHMENTS

Awards and Honours

(INSERT AWARDS AND HONOURS)

Projects

(INSERT PROJECTS)



Courses

Linux Courses (Embedded, Linux Administration, Kernel and Drivers)

Real-Time Embedded

Python

DSP BIOS-OS Design

LT Spice

Pspice

Orcad

Planahead/XST

Chipscope

VHDL-Xilinx Design for Performance

PMP-Advanced Professional Management Project (2018-2019)

Advanced Methods for Software PM (2019)

Languages

(INSERT LANGUAGES)