

Curriculum Vitae

Name: Arsen Ghambaryan

Date of birth: 03.10.1975

Place of birth: Armenia

Citizenship: Armenia

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Position Held

2000 – 2016	EpygiArm LLC Hardware design Senior Engineer
2016 – 2020	Olymp Engineering Hardware design Senior Engineer
2018 – 2020	Olymp Engineering Hardware design Department head
2021 – Present	LYNXAL Hardware design Engineer

Job Profile

Hardware Design Senior Engineer

Design and production of Telecom devices: IP-PBXs and IP-Gateways, based on Texas Instruments DSPs, Freescale (Motorola) semiconductor CPUs, Allwinner A10, A20, H-series Cortex CPUs (<http://www.epygi.com/products/index>)

Prototypes debug and validation.

Incorporating with interfaces: FXO, FXS, ISDN, E1T1, GSM, HDMI, Ethernet, LTE, BLE, LoRaWAN.

Design and installation of Home Automation System, including DALI and DMX512 lighting control protocols, RFID controlled access and IP-camera systems in TUMO Yerevan.

Design and production of Drone Autopilot, Radio control devices, based on Atmel and STMicro controllers.

Design and production of LED Drivers, based on SiLabs BLE Mesh network MCUs

Design and production of Radio Sondes, 12-channel ADC modules, based on National Instruments equipment, HF UMTS/LTE Repeaters, Controller boards for Oil and Gas equipment. RF Transmitters and receivers, based on Analog devices ICs.

Cooperation with Indian, Russian and Chinese manufacturing Companies.

Skills

Good experience in schematics capture using:

Cadence HDL

Altium Designer

PCB design and routing, manufacturing data preparation, based on Altium designer tools.

Language Skills:

- Armenian – native
- Russian – fluent
- English – good

Education

1998 – 2000	State Engineering University of Armenia (SEUA) Research Engineer degree in electronics
1996 – 1998	State Engineering University of Armenia (SEUA) Master Degree in Electronics
1991 – 1996	State Engineering University of Armenia (SEUA) Chair of industrial Electronics; Department of Cybernetics Engineer degree

Army

1992 – 1995	reserve lieutenant
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Marital status

Married, have two sons