



Krishna and 2 billion others will soon make their first phone call ever.

You can be part of it.

Are you one of the exceptional talents we're looking for?

VNL makes it possible for mobile operators to profitably serve the world's rural communities. Our technology is the first of its kind – a completely re-engineered GSM system optimized for the next billion mobile subscribers.

To deliver our ground-breaking solutions and take on new challenging developments, we're looking to fill a range of full-time positions in Gurgaon.

We're doing something exciting, challenging and important, with significant social and environmental benefits to match our commercial potential.

If you've got what it takes, we want to hear from you.

DO YOU HAVE THE TALENT?

- **E-mail** your CV to career@vnl.in
- **Or courier** your CV to:
Talent Acquisition Division
VNL
246, Phase-IV, Udyog Vihar,
Gurgaon – 122015, India
- **Learn more:** WWW.VNL.IN

ACADEMIC BACKGROUND AND EXPERIENCE

- *PhD/MTech/MS/BE/BTech/ MCA/BIT in Electronics/ Computer Science.*
- *Experience level in Telecom, Embedded and related development shall be TM/Architect: 8-15 years, SMT: 5-10 years, MTS : 1-5 years.*

BASE STATION SUBSYSTEM (GERAN BSC & BTS)

SMT and MTS for BSS Development and Sustenance for GERAN (GSM/GPRS/EDGE) Circuit Switching (CS) (BSC) and Packet Switching (PS) (Packet Control Unit PCU) domain, Radio Resource Management, Handover, Power-control, GSM/GPRS interfaces (Air, Abis, A and Gb) and Stacks (RLC/MAC, BSSGP).

REQUIRED SKILLS: Functional Domain knowledge along with Unix/Linux environment, C/C++, UML, TAU.

DSP SOFTWARE PROGRAMMER

Software Engineer having at least 3-5 years of solid knowledge in C-programming. Implement algorithms, mainly in C, with tight real-time demands. Verify results in simulations and with standardized traffic channel models.

REQUIRED SKILLS: Digital Communication Systems, DSP theory and Matlab or SPW. Experience from embedded systems, especially Analog Devices Blackfin DSP's. Knowledge of GSM Baseband & RF Management and Control as well as GSM and IP transmission protocols.

MOBILE SWITCHING CENTER (MSC)

SMT & MTS for Call Control (wireline and Mobile Networks), Mobility Management, Real time embedded databases, OAM & Intelligent Networks (CAMEL-SSF).

REQUIRED SKILLS: Functional Domain knowledge along with Unix/Linux environment, C/C++, UML, TAU.

OPERATIONS AND MANAGEMENT CENTER

OMC design development and sustenance.

REQUIRED SKILLS: Core JAVA, Swing, XML, Platforms for rapid development, mediation.

PROTOCOL STACKS (GSM /GPRS NETWORK)

SMT, and MTS for Development, Integration and Sustenance of MSC and BSS protocol stacks.

REQUIRED SKILLS: SS7 layers, ISUP, BSSAP, CAP, MAP, LAPD, CAMEL based SSP & SCP.

VALIDATION

Test Lead for TRX Validation

REQUIRED SKILLS: with RF exposure, Automation, Test planning.

Test Lead, and MTS for BSS Validation, System Integration

REQUIRED SKILLS: Automation, Test planning.

Test Lead, and MTS for End-to-End system validation in GSM/EDGE network

REQUIRED SKILLS: Automation, Test planning, Certification of Mobile Core Network, Bring-up a test bed with SMSC, HLR, EIR & AuC.

HARDWARE, FIRMWARE, PLATFORM

MTS for Hardware Design and Testing

REQUIRED SKILLS: DSP, Cellular Networks RF design, Mixed Signal Design, Trans-coding- Rate-Adaptation-Unit, Power QUICC II & III based hardware design for telecommunication (Switching & Transport) systems.

MTS for development of Firmware

REQUIRED SKILLS: BSP, Device Drivers, High Availability platforms and middleware, Boot-loader, IPC framework, with Real-Time Linux 2.6 kernel, In-circuit debugger, DSP: Blackfin, Starcore based development.

SMT for Db and OMC interface

REQUIRED SKILLS: Design experience in RDBMS & In-memory databases for telecom applications, SNMP agent, CLI, Platform containing Reusable Software Building Blocks.

