

## AYUSHI MUNDRA

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**A target-driven professional, targeting challenging assignment in Software Engineering with an organization of high repute, preferably in the IT industry .**

### **PROFILE SUMMARY**

- ☐ Currently associated with **VERIZON DATA SERVICES Ltd.** as **Senior Software Engineer**.
- ☐ Worked at **NOKIA NETWORK PVT LTD** as senior Software engineer with an exp of 3.5 years
- ☐ Significant experience of working with customers, project managers and technical teams for securing & executing concurrent projects; envisioning usage of new technology and tailoring its usage for achieving desired results
- ☐ Technical exposure in all the phases of **Software Development Life Cycle (SDLC)** entailing requirement analysis, design, development, implementation, delivery and troubleshooting.
- ☐ Developed Home Network Management to deliver the Service Assurance , Auto Provisioning for Broadband Devices .
- ☐ Developed **VDSL** and **G.Fast Technology** to deliver high quality broadband service in Japan, Asia and Europe
- ☐ Worked on technologies like **Netconf (Network Management Protocol) , TR-69 & Confd**
- ☐ Gained experience in end-to-end project management and ensured effective management of various resources to meet project specifications

### **CORE COMPETENCIES**

~Project Execution

~Software Development

~ Service Delivery

~Resource Optimization

~ Documentation

### **ORGANISATIONAL EXPERIENCE**

**Since Nov 2019 : VERIZON DATA SERVICES LTD .**

**Designation : Senior Software Engineer**

**Role:**

- ☐ Implementing project plans within deadlines and defining best practices for project support and documentation
- ☐ Monitoring the thorough testing, bug fixing and elimination of defects using C++
- ☐ Performing Case / System / Process Study for project planning, scoping, estimation & tracking
- ☐ Developing software and working with software engineering team for system & integration testing, functional & user acceptance testing

**March 2016 – October 2019 Nokia Pvt. Ltd., Chennai**

**Designation : Senior Software Engineer**

**Role:**

- ☐ Executing, administering and contributing on R&D projects to investigate relevant technologies for providing continuous improvement
- ☐ Implementing project plans within deadlines and defining best practices for project support and documentation
- ☐ Monitoring the thorough testing, bug fixing and elimination of defects
- ☐ Performing Case / System / Process Study for project planning, scoping, estimation & tracking
- ☐ Developing software and working with software engineering team for system & integration testing, functional & user acceptance testing

**Highlight:**

- ☐ Received appreciation for contribution towards the deployment of the VDSL and Gfast SDAN solutions .
- ☐ Received appreciation for contribution towards the deployment of the persist connectivity over system crash .

## **KNOWLEDGE PURVIEW**

Languages: C, C++, STL, OOPS, Design Pattern

Frameworks: Data Structures and Algorithms

Domain: Telecommunication and Networking

Technology: Netconf Protocol, ConfD, Networking protocols, Operating system (OS)

Development Tool: Microsoft Visual Studio, Linux

Debugging Tool: GDB, Stack decode tracer, Mem-check, Coverity

Other Tools: Mercurial, Android Studio

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Environment (OS): Linux, Windows 10

Other languages: Android Basics, Basics of python, Linux Internals

## **PROJECTS**

**Project Title:** Development of Transport GFAST/VDSL technology on NCY  
**Organization:** Nokia Pvt. Ltd.  
**Period:** Since Mar'16  
**Languages:** C, C++, STL, GDB, Valgrind.  
**Development Environment:** GCC  
**Technology Used:** Netconf (Network Management Protocol) and CONFD, Networking protocol.  
**Version Control:** Mercurial  
**Platform Used:** Linux

**Role:**

- Development of the Transport part of the SDAN solution based on NCY
- Developed DSL Application using C++, STL, Linux.
- Contributed in developing products; researched data and individually administered the same
- Spearheaded operations like Bug Fixing, Team Support, Code Development and Code Integration

**Project Title:** Development to Restore connectivity to maintain constant connection  
**Organization:** Nokia Pvt. Ltd.  
**Period:** Since May'18  
**Languages:** C++, JSON API, STL  
**Development Environment:** GCC  
**Technology Used:** Netconf (Network Management protocol) and Networking Protocols Layer2, Layer3  
**Version Control:** Mercurial  
**Platform Used:** Linux

**Role:**

- Executed R & D research to maintain the IP so that it can have a constant connection with the homing Device.
- Managed to contribute individually in developing products with researched data
- Monitored Bug Fixing, Team Lead, Code Development and Code Integration

**Project Title:** Implementation of USB Host Device Driver for BeagleBoardxM  
**Organization:** PG – DESD CDAC  
**Period:** Jan'16 – Feb'16  
**Language:** Embedded C  
**Technology Used:** ARM  
**Development Environment:** g++, gtest, gdb, GNU cross compilation x86  
**Platform Used:** Linux, Device Driver, ARM Cortex

**Role:**

- Monitored and created a Kernel Module of USB device
- Launched and developed support modules on enhancement
- Managed GNU cross toolchain: Linux port on ARM board cross compiled with x86
- Administered bug tracking and fixing

## **ACADEMIC DETAILS**

**2016:** PG Diploma in Embedded System Designing from SunBeam, Pune (Affiliated to CDAC Acts); secured 60%  
**2015:** B.E. in Electronics and Communication from Laxmi Narain College of Science & Technology, RGPV University, Bhopal; secured 8.90 CGPA  
**2011:** H.S.C from Kendriya Vidyalaya Higher Secondary School, Shahdol; secured 84%  
**2009:** S.S.L.C from Kendriya Vidyalaya Higher Secondary School, Shahdol; secured 69.98%

**Certification:**

2014: BSNL AICTE- Approved Certificate  
2018 : Intro of AWS cloud Native Certification

**PERSONAL DETAILS**

**Date of Birth:** 30<sup>th</sup> November 1993  
**Languages Known:** English and Hindi  
**Address:** Shiv Hosiery , Sarvodya Market Near jain Mandir , Shahdol (M.P.)-484001