

## Dipkumar K Solanki

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### Profile

- Electronics Engineer having more than five year of experience in OFC Communication and Networking. An indepth understanding of various Technologies like GPON,EPON,ONT which helps me to configure as well as troubleshoot the equipments . I am constantly striving to learn new technologies and look to ways better myself in this rapidly changing industry.Good communication skill with leading quality. I am seeking a new opportunity allowing me to further expand on these skills.

### Key skills

- Worked on GPON ,EPON,ONT Technologies.
- Worked on GSM,W-CDMA and VOLTE.
- Worked on 2G,3G.
- Knowledge in ISP & OSP.
- Splicing ,OTDR ,equipment Configuration.
- Knowledge in planing and designing FTTX networks using ARC GIS.
- Experienced in Ring network and Mesh network Topology.
- Expert in handling OTDR,LSPM ,Power meter and testing .
- Planning and material management.
- Possessing good communication, interpersonal skills and ability to achieve given work with full dedication and hard work.
- Ability to lead team having more than 8 member.

### Work Experience Detail

- Shiv engineering works ,Gujrat as Trainee Telecom engineer for Railway maintenance project(28<sup>th</sup> May 2015 to 5<sup>th</sup> May 2016)
- Railtel Corporation Of India Limited, Gujrat as Graduate Telecom Engineer for OFC project Bharat Net (9<sup>th</sup> May 2016 to 10<sup>th</sup> February 2019)
- Reliance JIO Infocom Limited, Gujrat as a Seniour Executive (1<sup>st</sup> March 2019 to present)

### Work domain

- Planning and managing Contractors ,Materials and Manpower management.
- Over all responsibility of timely completion and project and Closure.
- Testing, Commissioning and execution of GPON works under the Project.
- Testing of OLTs,FTBs,FDMS ,etc.
- Monitoring of Optical Fibre connectivity.
- Layout and design of telecommunication network elements in accordance with network design criteria.
- Designing FTTX network according to field scenario.
- Preparing BOQ,Purchase request (PR),PO,Work oder requisition & Amendments.
- Preparing daily reports,making bill of work.
- Preparing AS-Built of constructed completed route link and mapped into KML file.
- Installation and commissioning of BTS Equipments
- Installation, Commissioning, and Aligment of Microwave antenna
- Co-ordination with different CPSU like Railways, BSNL, Forest Department and other State Govt. officials for ROW purposes and timely execution of Project.

### Key responsibilities

- Planning & Installation of FFTx Networking.
- Link budget preparation for FTTx Network/GPON Equipments.
- Installation of GPON Equipment OLT,ONT and Splitter(1:2,1:4,1:8).
- Conducting survey of proper execution of OFC network.

- Produce Survey drawings ,Plan and prepare drawing for building new infrastructure and mapped into GIS.
- Troubleshoot and resolve fiber faults within stipulated SLA time.
- Planing route on KML proposing alternate path of not feasible route for construction considering all technical aspect from filed survey and uploading in GIS .
- Configuration of IP,LAN,WAN and routing protocol within Cisco routers and switches.
- Splicing of 24F,48F OFC and Termination of same FDMS/FTB.
- OTDR testing and power meter testing(LSPM).
- Fibre route survey & SLD.
- Mobilizing teams,machinery and allotting vendor for execution as per design & guidelines
- Supervision of Trenching/HDD, Duct laying, fiber Optics (Blowing), Duct Integration test.
- Responsible for splicing of FDC,FAT,OTB,S1 and measuring power at decent level.
- Handover the route after performing the AT with the Maintenance team.
- Timly completion of ITP and billing works.

### **Project Experience**

- Recently working on a project named FTTH & FTTX.
- Worked on a project named “National Optical Fibre Network(NOFN)”
- B.E. final year project titled “Solid Waste Management And Monitoring System”.
- Mini project titled “Interfacing seven segement LEDs and 8 keys with Microcontroller 89C51” during third year of B.E.

### **Education details**

- SSC (March-2009) from GSHSEB with 80.92%.
- HSC (March-2011) from GSHSEB with 81.53%.
- B.E.-Electronics (May-2015) from MSU with 60.50%.

### **Achievements**

- After HSC, i got scholarship from state government.
- I qualified Gate-2016 with Score 420.

### **Personal Information**

DOB : 10<sup>th</sup> April,1994  
 Gender : Male  
 Marital Status : Married  
 Height : 175 cm  
 Weight : 73kg  
 Blood group : B+  
 Nationlity : Indian  
 Hobby : Quora,learn High frequency words,Traveling,cricket,movie.

### **Languages Known**

English	Read,Write & Speak
Hindi	Read,Write & Speak
Gujarati	Read,Write & Speak

### **Declaration**

- I here by declare that above mentioned information is true to the best of my knowledge.

**Thank You,**  
**Dipkumar K Solanki**

