

Resume of Arup Kumar Das

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CAREER OBJECTIVES

Looking forward to an opportunity to work in a dynamic, challenging and educative environment, where I can utilize my skills for developing my career and for the growth of the organization.

EXPERIENCE

Company name: **TELEAUS**

Designation: **Network Design & Delivery Engineer**

Department: **Network Design Team, nbn & Telstra Project.**

Duration: 1st April, 2019- till now

Main Job Responsibilities:

- Timely delivery of high-level multi-technology area high level plans and detailed designs.
- Ensuring plans and detailed designs created meet defined quality standards.
- Actively seeking feedback from senior designers & providing recommendations on planning & design procedure improvement.
- Work with nbn and Telstra designers, Constructors and Planners across Telstra and nbn Fiber Network delivery teams.
- Evaluation of NDD (Network Design Document), FIR (Field Inspection Report), and DDD (Detailed Design Document) against use of maximizing principles and fitness rules.
- Developing network requirements, technical designs and specifications for the project implementation.
- Planning and implementing of Fiber Network/ POP expansions and upgrades
- Design the customer network to reduce customer and O&M impact.
- Review invoices and confirm / approve as per quoted scope.
- Ensuring QA, OH&S and business systems development on customer projects.
- Manage dependencies of direct and indirect deliverables.

Company name: **Banglalink Digital Communications Ltd.**

Designation: **Transport Planning Junior Engineer** (Outsource)

Department: **Network Planning, Microwave Team**

Duration: 1st January, 2017- 31st March, 2019

Main Job Responsibilities:

- Plan and design transmission network back haul of MW wireless domain.

- Microwave link & preparing link budget using PATHLOSS 5.0 & 4.0 by deciding parameters such as frequency spot, capacity of link, Antenna type & height, transmitting & receiving power, threshold degradation, fade margin for both Huawei & NEC vendor equipment.
- Plan on cost effective transmission solution for capacity, traffic re-routing ,Bandwidth allocation.
- LTE project coordinator for wireless network LLD readiness, plans Mini Hub with Optical fiber for LTE site ready.
- E2E network resilience from fiber cut/dual fiber cut through MW back up chain plan and ensure tertiary protection.
- Prepare weekly utilization report for MW Link & take immediate action if utilization exceed over 75%.
- Plan & apply different protection scheme (SNCP, ERPS) in MW network.
- Network KPI improvement from Ping loss, Jitters, Ping delay.
- Provide far end, mini hub or aggregation point plane for both microwave and fiber transmission.
- Supported to meet the FON /Capacity leasing as per marketing requirement.
- To provide NLOS (Non Line of Site) Solution microwave transmission with lease line vendor link Fiber @ Home, Summit.
- Issue work order New rollout, Capacity up-gradation, LOS break, Half-end/Full-end relocation, Hardware swap (MWWO, MWWO_Dismantle, MWWO_MOD & CCWO).
- Execute Capacity up gradation WO of Huawei U2000 NMS & NEC UNMS & check live actual utilization, Capacity, Frequency, TX power, ATPC, RSL and monitoring alarm from NMS.
- To maintain database for all the network elements and related activities.
- Proper communication with internal and external department.

TRAINING & PROFESSIONAL ATTAINMENTS

- ❖ **CCNA**
 - Networking Basic
 - OSI model
 - TCP/IP
 - Subnetting & Routing
 - ACL, NAT, IPv6, WAN
- ❖ **Internship**
 - Gp House, Regional Operation Technology
- ❖ **Industrial Training:** Completed industrial training at **110 MW Barge Mounted Power Plant and 115 MW KPC Unit II Power Plant** in January 2015.
 - Plant electrical system, Working principle of radiator.
 - Operation concept of diesel engine, alternator, synchronous generator.
 - Single line diagram of alternator, transmission line
 - Control panel of WARTSILA engine, High voltage system, Low voltage system, HFO station.
- ❖ **Linux & Ubuntu OS training Program** organized by IEEE in April 2015.
 - Linux instillation
 - Different (DNS, Mail, Web, FTP, Proxy) server management.
- ❖ **Microcontroller Training Program”** organized by IEEE in March 2012.

- ❖ “Proteus VSM” organized by ESAB in October 2014
- ❖ **PLC & Industrial Automation**” conducted by Elegant Engineering solutions in November 2014.

TECHNICAL KNOWLEDGE

- Concept on BSC, MSC, VLR, HLR, BTS, AUC, RF antenna and Microwave antenna.
- Channel Concept, Cell Planning Concept.
- Concept on Switching System and Transmission over microwave & fiber.
- Excellent knowledge on Radio Link Planning tool **Pathloss 5.0 and 4.0 , MapInfo**
- Excellent knowledge on **Huawei RTN 900 series (RTN905 2A,RTN980, RTN950 A)**
- Excellent knowledge on **NEC PASOLINK V4, PASOLINK NEO, PASOLINK NEOc, iPASOLINK** etc

SKILLS

- **Programming Languages:** C,C#.Net
- **Operating Systems:** Windows, CentOS 7.
- **Software:** MATLAB, Cisco Packet Tracer, MS-Office, MS-Visual Studio, MS-Excel, MS-Power point.
- **Language Skills:** Bangla (Excellent), English (Excellent).

PROJECTS

- ❖ Project:
 - Raspberry Pi Wi-Fi controlled surveillance robot.

PERSONAL DETAILS

Full Name	: Arup Kumar Das
Father's Name	: Kanak Bihari Das
Mother's Name	: Latika Rani Das
Date of Birth	: 18 th October,1993
Religious View	: Hindu
Marital Status	: Unmarried
Nationality	: Bangladeshi
NID No	: 19934113817000079
Blood Group	: B(+)

SCHOLASTIC APTITUDE

B.Sc. in Electrical & Electronic Engineering
 American International University- Bangladesh (AIUB).
 Result: CGPA 3.70 out of 4.00
 Passing Year: 2015

Higher Secondary School Certificate

Khulna Public College.
Group: Science
Result: GPA 4.50 out of 5.00
Board: Jessore.
Passing Year: 2010

Secondary School Certificate
Protappur Niva Rani High School.
Group: Science
Result: GPA 4.88 out of 5.00
Board: Jessore
Passing Year:2008

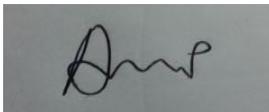
REFERENCES

Name : Dr. Dipankar Das
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Name : Md. Mukul Hossain
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DECLARATION

I, hereby, declare that the information stated is correct to the best of my concern.



Signature