

PRATAP SINGH DARJEE

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SUMMARY

Driven and professional technical person with over 6 years of experience in Data and Network Operation Centers, Network Management Systems, Security Surveillance, Access Control, VLPR and ANPR, Alarm Management, Power Management Systems, Telecommunications Engineering, electronic project development, and Computer Science. Results-oriented and capable of working both independently and collaboratively within a team. Proficient in engineering drawings and material requirements planning for projects. Committed to continuous learning and expanding knowledge in computer systems.

EDUCATION

Algonquin College, North York, ON

Computer Programming 2023 – 2025

- Computer Essentials
- Technical Mathematics for Computer Science
- Java
- Database introduction Database systems
- GNU/Linux OS system

Jigme Namgyal Engineering College

Diploma in Electronic and Communication Engineering 2014-2017

- Applied Mathematics
- Computer Programming and Application
- Communication Engineering
- Physical Networking
- Microprocessors, Microcontrollers, and
- Interfacing Devices
- Wireless Communication

SKILLS

- Network management: Ethernet, Fibers, Switches(Cisco), servers
- Security System: cameras, NVR, DVR, HDR, Decoder
- Access system: Facial detection, Temperature detection setting access
- Alarm Management: via IP, I/O device, Industrial switch and Alarm server
- Traffic management: VLPR and ANPR
- Power system: EM, MCB, MCCB, TVSS, UPS(Emerson &Ericsson), Backup Battery
- Electronic Project R&D: methodology, coding, simulation and test

CERTIFICATIONS

- CCTV and VLPR training by Bynet Software System, Israel and India 2017
- ICT Project Management and System Design training by Bynet Software Isreal 2017

PROFESSIONAL EXPERIENCE

Security and Alarm System Technical Lead

Ministry of Home - Royal Bhutan Police 2017-2023

- Coordinated and managed Safe_City project of budget 147 millions (BTN)
- Managed the installation and integration of cameras to VMS server, recording server and alarm server. The alarm server alert us, during the power, doors and temperature issues.
- Managed networking and function of cameras, Switches, Optic fibers, fiber technology and servers which span over 2000km sq.
- Planned and coordinated the VLPR installation in boarder's gates of budget 6 millions each site

Security and Alarm Technical coordinator

Bhutan Telecom Limited (Software support) 2017- 2023

- Installed equipment and set server room for the project.
- Installed Equipment and set Backup battery room.
- Installed of cameras, VLPR, ANPR and integration to servers
- Set RAID configuration of Virtual disk for storing videos and Configured and set DBMS (MySQL) for VLPR system.

Security System support

New Device Technology 2019-2023 (Part_time)

- Set and configured Thermal detection system for United_Nation Peace Keeping arm force.
- Prepared bidding document and acquired the tender of 5M of CCTV system in Wangdue Phordang
- Prepared bidding document and acquired the tender of 40M of CCTV and alarm system of Punatshangchu Hydro_Project
- Represented as consultant to stakeholders on CCTV in Wangdue Phordang Town, Monggar Town, and Phuentsholing City, and etc, of budget 100M (BTN)

Electronic Project R&D

FabLab Bhutan 2017-2019 (Part_time)

Lists of Project completed are:

- EVM using Arduino Microcontroller (MC)
- Password protected door lock system
- Scrolling Message LED board
- Team member on Pedestrians' traffic light system, Automatic room heating system using esp2866 MC and IoT