

# Sanjog Michael Nazareth

## Computer Engineer

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### Sanjog Michael Nazareth

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### Skills

- Good problem-solving skills
- Works well in a team environment
- Ability to follow instructions
- Flexible and Adaptable in various situations
- Great at troubleshooting and rectifying errors
- Set and Achieves Goals
- Good with time management

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### Experience

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#### Air Arabia / Second Officer

June 2021 - current, Sharjah

Line Training with Air Arabia.

#### The British School, Al Khobairat / IT Support - Supply

April 2019 - July 2019, November 2019 - January 2020, Abu Dhabi

Handled the responsibility of the IT infrastructure and services of the day to day school requirements. Responsibilities included email & domain services, device administration, network administration, hardware servicing, printers & network device monitoring & service, device troubleshooting, and media services among other responsibilities.

#### NBAD / Group Security Intern

April 2016 - May 2016, Abu Dhabi

Worked with the security architecture team to detect and rectify potential security holes within the company computer systems (Active Directory and Firewalls).

#### NBAD / ITD Intern

April 2015 - May 2015, Abu Dhabi

Completed 4 weeks in various IT departments, working on Network Monitoring, Network Operations, System Administration, and Virtualization. During this time, I was exposed to and worked on a wide range of duties like server & network parameter monitoring, error diagnosis and resolution, packet routing, WAN & LAN, VPNs, Active Directory, IP telephony(AVAYA), Exchange Server, SSO (RSA), VMware, and Data Centre Operations.

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## **Broadway Events / Part-time A/V Engineer**

2009 - 2019, Abu Dhabi

Operate professional Sound, Video, and Light equipment for live events, from setup, operation and cleanup. Also, maintain the IT infrastructure of the company and administrative and logistics roles.

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## **Education**

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### **MPL - Alpha Aviation Academy**

October 2017 - June 2021, Sharjah

MPL Course with Alpha Aviation Academy, in partnership with Air Arabia.

### **MPL - Airways Aviation**

July 2019 - October 2019, Australia

Core Flying Phase of MPL course with Alpha Aviation Academy.

### **B. Tech Computer Science and Engineering - Christ University**

June 2013 - May 2017, Bangalore

Bachelor's Degree in Computer Science Engineering. Specialization in Networks, Cryptography and Network Security, Server Backend Programming and Systems Administration.

### **Senior School Certificate - Sunrise English Private School**

2011 - 2013, Abu Dhabi

Total: 70%

### **Secondary School Certificate - Our Own English High School**

2007 - 2011, Abu Dhabi

CGPA: 8.4

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## **Projects**

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### **Appointment Booking System**

June-October 2020, St. Joseph's Cathedral, St. Paul's Church, Abu Dhabi

Developed a web-based application to allocate bookings to parishioners based on a priority algorithm to attend church services. Also designed and developed software to scan MRZ codes on Emirates IDs and passports to check for a booking (integrated with the online booking system) and record visitors to the premises.

### **Automatic School Bell**

June 2019, St. Joseph's School, Abu Dhabi

Fitted the school bell with a microcontroller to automatically ring at assigned times. Includes functionality to dynamically update the times as required.

## **Local Area Network Design, Upgrade, and Deployment**

June 2019, Abu Dhabi

Upgraded the LAN to allow for improved security, monitoring, and troubleshooting. Redesigned network architecture to improve latency and bandwidth between data centers and server rooms and reduce downtime in case of failure.

## **Warehouse Inventory System**

June 2017, Broadway Events, Abu Dhabi

Developed a complex inventory system to automatically track company assets across different event venues and transfers. Completely automated with backend monitoring, asset loss protection, and alerting.

## **Smart Garage and Garden System**

February 2017, Ellipsonic, Bangalore

Developed an IoT module for the company's smart home solution. Working with various APIs & technologies to complete the project, mainly REST API (Thingier), Raspberry Pi and Python; Server was based on the Debian platform. Also developed a supporting Android application as an interface to the system.

## **Walking Biped Robot**

August 2014, Mechtronix, Bangalore

Built and coded a walking robot with a self-balancing and uprighting function. The robot could follow a preset path and also allowed for remote control through a companion application