

Mohamed Ibrahim Nowshad

SITE RELIABILITY · TECHNICAL PROJECTS · CLOUD SOLUTIONS

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Summary

- **Versatile and transferable skilled professional:** In leading roles at Software, e-Commerce, Media technical companies with 10+ years of experience with funding beyond US\$ 2B and more than 100K monthly active users.
- **Experienced with infrastructure operations:** Built and operated large-scale, high-availability, high-performance systems on the cloud. Familiar with Content Delivery Network, Portainer, Traefik, Docker.
- **An Agile practitioner:** Have deep familiarity with agile development practices and modern DevOps/SRE principles. Advocate of infrastructure-as-code, continuous integration and delivery. Skilled at instrumentation and define SLAs.
- **Equally good at the small details and the big picture:** Hands on, capable of jumping in to help with firefighting, but still having a clear big picture, long term vision.
- **An experienced leader:** Multiple years of experience as a technical lead or architect. Grew teams from scratch and have worked in very early stage startups.
- **Composed problem solver and growth mindset:** Security Cloud Consultant, Technical Product and Project Manager and Site Reliability Engineer. Worked in the payments and/or e-commerce domains, high-security systems. Familiar with modern data platforms.

Experience

Lazada South East Asia Pte Ltd *South East Asia's e-tailer acquired by Alibaba Group*

SINGAPORE

TECHNOLOGY MANAGER, RELIABILITY

FEB 2020 - PRESENT

- Built rapport with C Level executives, pitched idea and driven changes to redesign IT Infra in Redmart fulfillment to cater 12k to 15k orders deliveries during any technical outage without any interruptions.
- Collaborate with Alibaba Product team to influence product strategy and roadmap, provided actionable feedback helped UX on internal tools.
- Broken down business problems, prioritized, and build solutions for technical challenges initiatives.
- Maintained compliance for 12K+ Lazada endpoints including BYOD with Data Loss Protection (DLP), Endpoint Detection and Response (EDR).

TECHNICAL PROJECT MANAGER

MAR 2018 - JAN 2020

- Built Alicloud's Data Hall 6MW Power, 25K+ server slots in Singapore and India together.
- Delivered USD 7M budgeted cabling projects, cabinets expansion, network deliveries by stringent work schedule during multiple change freeze.
- Increased network deployment speed from 100 to 200 switches per day without additional resources using effective rack design proposals during design stage.

Versé Innovation Pvt Ltd *Regional news aggregator in India through mobile app dailyhunt*

BANGALORE

LEAD NETWORK ENGINEER

JUL 2016 - MAR 2018

- Improved bandwidth threshold of network traffic in Grafana, Cacti; it helps to understand performance of servers and their traffic with 99% accuracy for horizontal scaling.
- Offloaded traffic to source from 80%-40% with help of Content Delivery Partners, Full-Stack Developers using clean code principles during development and productions.
- Integrated Git version control for implementing network changes speed from 65%-95% for planned maintenance in cloud.
- Led agile team of 4 Reliability Engineers and identified their career growth area to shine in CI/CD principles.

Myntra Designs Pvt Ltd *Fashion e-tailer of India, acquired by Flipkart and Walmart*

BANGALORE

LEAD NETWORK ENGINEER

JAN 2016 - JUL 2016

- Hired a team of 8 System/Network Engineers to build in house capabilities to manage and monitor thousands of Myntra nodes.
- Coached inventory of network equipment to minimize product surplus, increased up-time by 99.99%.
- Designed platform architecture to ensure reliability, performance, and security.

SENIOR NETWORK ENGINEER

MAY 2015 - DEC 2015

- Enhanced quality control within Network Engineering team by 2% every month preventive maintenance by Network and Security audits.
- Designed operational practices to ensure reliability and respond effectively to production incidents.
- Worked together with technical management to define the roadmap and resourcing plans for core platform.

Vector e-Commerce Pvt Ltd *Subsidiary of Myntra Designs Pvt Ltd*

BANGALORE

SENIOR NETWORK ENGINEER

JAN 2015 - MAY 2015

- Implemented IEEE 802.1x wireless across Myntra highly reliable and conducted vulnerability assessments and pen tests. This involved integrating with 3rd party software and developing the specification at a continual pace.
- Automated Network equipment's configurations backup through Shell scripts to centralized location.

SYSTEM ADMINISTRATOR - L3

APR 2014 - DEC 2014

- Trained new system engineers that brought automation of System Patching in Myntra Customer Experience Centre to improve security.
- Led Network Engineering initiatives to improve quality of service to end customers.
- Advocated the best practices and technologies to ensure reliability and rapid pace of development.

Other Positions Held

SENIOR EXECUTIVE - IT INFRASTRUCTURE
JUNIOR NETWORK ENGINEER

JAN 2012 - APR 2014
OCT 2010 - JAN 2012

Education

Anna University

CHENNAI

B.TECH IN INFORMATION TECHNOLOGY, FIRST CLASS

- **Project:** 'Analysis of Password Login Phishing Based Protocols for Security Improvements' or 2FA Auth with JSP and MSSQL. This project was based on IEEE 2009 published in International Conference on Emerging Technologies. — <https://ieeexplore.ieee.org/document/5353144>

State Board of Technical Education

CHENNAI

DIPLOMA IN INFORMATION TECHNOLOGY, FIRST CLASS (HONORS)

- **Project:** 'Information about my Institution' basic HTML and MSSQL website with student registration online — [Offline Project](#)

Certifications

(SCHNEIDER) DATA CENTER UNIVERSITY ASSOCIATE DEVELOPMENT PATH	FEB 2019
(CYBRARY) NESSUS FUNDAMENTALS	AUG 2019
(CYBRARY) MANAGE A NETWORK INFRASTRUCTURE	MAY 2017
(RACKSPACE) CLOUDU RACKSPACE CERTIFIED	MAY 2017
VMWARE CERTIFIED ASSOCIATE - CLOUD, DATA CENTER VIRTUALIZATION AND WORKFORCE MOBILITY	OCT 2013
MICROSOFT CERTIFIED PROFESSIONAL, SPECIALIST	FEB 2014
MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE	APR 2012
MICROSOFT CERTIFIED IT PROFESSIONAL	SEP 2010
MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST	APR 2010