

Sandip Misra

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📍 0009-0005-8817-9520 📄 Permanent Address: Paltapara, Barshalupara(5040), Atwari, Panchagarh



PROFESSIONAL EXPERIENCE

Database Administrator & IT Support Engineer (Internship) - Prime Bank PLC, IT Division, Head Office, Dhaka.



Jan 14, 2024 – June 14, 2024

- Learning about Database Installation, Configuration
- Learning about RMAN Backup & Recovery solutions, Data Guard config.
- Working in Test Server, Monitoring & Managing Production Server.
- End-user IT support for hardware, and network issues
- OS installation, rebuild, patching, and driver configuration
- Hardware troubleshooting and peripheral support
- IP configuration, LAN support, domain joining & group policy updates, and user restriction enforcement.

EDUCATION

Master of Science in Computer Science - American International University-Bangladesh, Dhaka.

Oct. 2025- Continue

Result: Null /4.00

Bachelor of Science in Computer Science and Engineering - American International University-Bangladesh, Dhaka.

Feb. 2021- Apr. 2025

Result: 3.58/4.00

Higher Secondary Certificate (Science) - Lions School & College, Rangpur.

Passing Year: 2020

Education Board: Dinajpur

Result: 5.00/5.00

Secondary School Certificate (Science) - Atwari Model Pilot High School, Atwari, Panchagarh.

Passing Year: 2018

Education Board: Dinajpur

Result: 4.94/5.00



PROJECTS

Oracle Database 19c Installation & Configuration

Description: Installed and configured Oracle Database 19c on Oracle Linux 8. Created database instance using DBCA and configured listener using NETCA. Verified environment variables, startup/shutdown procedures, and service registration.

Key Skills: Oracle 19c, DBCA, NETCA, SQL*Plus, Linux Administration

RMAN Backup & Recovery Implementation

Description: Configured RMAN for automated full and incremental backups. Simulated data loss and performed recovery from both full and incremental backups. Verified backup integrity and implemented a retention policy.

Key Skills: RMAN, Oracle 19c, Backup Policy, Recovery Testing

Oracle Data Pump Export/Import Automation

Description: Automated full schema export/import process using Oracle Data Pump and shell scripting. Tested logical backups and validated import consistency.

Key Skills: Data Pump (expdp/impdp), Shell Scripting, Backup Automation

Enterprise PC Deployment & Configuration (440 Units) – Prime Bank PLC

Participated in a large-scale deployment of 440 desktop PCs to modernize the banking infrastructure. Performed Windows OS installation, license activation, and driver updates to ensure system readiness. Configured IP settings and LAN connectivity for enterprise network access. Executed domain joining and group policy updates for centralized management. Enforced user restrictions, access control policies, and antivirus installation to ensure security compliance.

Enterprise IT Support [Technical Support] – Prime Bank PLC

Provided efficient user technical assistance to off-site employees and branch offices to ensure uninterrupted business operations. Managed remote troubleshooting for software installation, OS configuration, and peripheral connectivity issues using enterprise-standard remote desktop tools. Managed critical administrative tasks including domain joining, Group Policy updates, and user restriction enforcement. Configured static/dynamic IP settings and ensured seamless LAN connectivity.

Hardware Maintenance & Troubleshooting [Computer, Printer] – Prime Bank PLC

Diagnosed and resolved critical hardware and software issues, including OS crashes, blue screen, and power faults, to maintain system uptime. Performed hardware upgrades (RAM, SSD/HDD) and system updates to optimize performance. Managed end-to-end printer configuration. Conducted routine hardware diagnostics and system readiness verifications for seamless banking operations.

ACADEMIC EXCELLENCE

DEAN'S LIST HONORS

American International University-Bangladesh.

Program: Bachelor of Science in Computer Science and Engineering (CSE)

CERTIFICATES

Oracle Autonomous Database Cloud 2025 Certified Professional

Credential ID: OC7569753

Date: October 31, 2025



Coursera - Supervised Machine Learning: Regression and Classification by Stanford University

Credential ID: 2M3MMVSXQN2T,

Date: January, 2024



IT Essentials: PC Hardware and Software

Cisco Networking Academy

Date issued: April 22, 2021



EXTRACURRICULAR COURSES

Cisco Certified Network Associate (CCNA)

AIUB Institute of Continuing Education

Jan 2024 – July 2024

SKILLS

PROGRAMMING LANGUAGES:

C, C++, C#, Python, SQL, HTML, CSS

TOOLS AND FRAMEWORKS:

RHEL, Oracle, SQL Developer, AnyDesk, Microsoft Remote Desktop, Macrium Reflect, Snappy Driver Installer, MS Office (Word, PowerPoint, Excel), Putty.

TECHNICAL SKILLS:

ORACLE & MYSQL Administration, Red-hat Linux & Windows, System backup & restoration, Networking, Hardware & Troubleshooting, IT Support, OS Installation & Configuration, Machine Learning Algorithms.

SOFT SKILLS:

Communication, Teamwork, Time Management, Leadership

FIELDS OF INTEREST

Database Administration & SQL, RMAN Backup, System Backup & Restoration, PC Hardware Assembly & Maintenance, OS Installation & Configuration, Optimization & Troubleshooting, Network & LAN Setup for Workstations.

LANGUAGE PROFICIENCY

- Bangla (Native)
- English (Professional)

REFERENCES

MD SHAFIUL ALAM

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