Contact

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(LinkedIn)

Top Skills

Communication
Data Analysis
Business Strategy

Languages

English (Full Professional)
Bangla (Full Professional)

Certifications

Capstone: Retrieving, Processing,
and Visualizing Data with Python

System Administration and IT
Infrastructure Services

Using Databases with Python

Programming for Everybody (Getting
Started with Python)

SQL for Data Science

Nasif Fahmid Prangon

PhD Researcher in Computer & Information Sciences | Researcher
at Center for Networked Computing | Intelligent Cloud Networking
Philadelphia, Pennsylvania, United States

Summary

I am Nasif Fahmid Prangon, a PhD student at the Department
of Computer and Information Sciences. I am also working as a
researcher at the 'Center for Networked Computing' under the
supervision of Dr. Jie Wu. My research interest lies in the field of
distributed computing and cloud networks.

Experience

Temple University
Graduate Research And Teaching Assistant
August 2023 - Present (1 year 10 months)
Philadelphia, Pennsylvania, United States

-RA for 'Exploring LLMs in Healthcare' (Summer '24, Summer '25)

-TA for 'Computer Systems & Low Level Programming' (Fall '23, Spring '24,
Fall '24, Spring '25)

Axiata
Key Account Manager, Axiata Group Wholesale
October 2022 - July 2023 (10 months)
Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Key Accountabilities:

-Collaborate with Axiata OpCos with data and capacity analysis.

-Provide business forecast and analyze business trend.

-Maintaining data service provider information as well as explore cost and
revenue associated with data.

-Handle managed services like SCCP, SIGOS, IPX with Roaming partners.

Robi Axiata Limited
Specialist, Roaming Network

August 2022 - July 2023 (1 year)
Dhaka, Bangladesh

Key Accountabilities:

-Focal or liaison point for Business and IT for concepts and plans of new and existing roaming services and products for the necessary planning of solutions/ services.

-Explore solutions, products or service plan options with vendors, Solution Architects, and ISD to come up with the plans/options that are cost effective and timely, with good service/customer experience (reliable and consistent), scalable and integrated from a platform/solution perspective.

-To ensure business forecast is given to ensure complete assessment for network capacity and service planning. Liaison with network & technology engineers/designers for complete assessment deliverables.

-Prepare short term and long-term plan to evolve roaming network technology, architecture and topology. Evaluate and recommend new technologies and asses its impact in network.

-Translate business requirements into technology requirements, prepare RFI/ RFQ/FRS document and complete technical evaluation. Drive procurement process of appropriate solution & network devices as deemed fit for roaming and new services.

-End to end responsible for roaming network expansion, migration or upgradation. Finalize the requirement for peer resources, develop necessary implementation guideline and acceptance criterion.

-Work on enabling the required analytics/reports for business as reference to plan new products, attack key segments, address eroding trends, manage data explosion and improve customer experience.

-Plan and manage IR network for CAPEX/OPEX Planning with following up financial KPIs, product roadmap and integration with CS/PS core.

-Plan for steering launch/modify/update. Generate daily/weekly/monthly Roaming Revenue and Costs Analysis based on top destinations and Roaming Subscriber Numbers.

-Manage roaming service provider like BT, FT and ensure the best class roaming service both for inbound and outbound roaming.

-Maintaining the roaming agreement technical references.

Novotel Limited
System Engineer, Core Network Operations
February 2020 - July 2022 (2 years 6 months)
Dhaka, Bangladesh

Key Accountabilities:

-Operation and management of voice vendor such as Genband (Session Border Controller SBC-S3 and Q21 Platform).

-Carrier integration and provisioning in Genband (NexTone) SBC - S3 & Q21.

-Interconnection of IP routing and signaling analysis (SIP) with both International and National end.

-Active handling of internal voice and SMS system alerts, including alarms from monitoring.

-Coordinate with International voice carriers, Service Providers for implementation and operational issues.

-Least Cost Routing Implementation in Switch for voice traffic.

-Provide support during any special peak time or any special task.

-Optimization and monitoring of the whole voice network and troubleshooting.

-Ensuring messaging infrastructure is maintained with a high degree of stability and operational efficiency.

-Technical integration of new and maintenance of existing SMS carriers.

-Configuration of SMPP, HTTP and SS7 connections.

-Improving tooling and proactively proposing improvements to the SMS network.

-Investigating, troubleshooting, and helping to resolve SMS production or QA issues.

-Solving SMS network related issues and debug common network-related problems (tcpdump, tshark, wireshare, var logs).

-Maintain and modifying databases using MySQL, Cassadra.

-Monitor SMS traffic and SMS servers (Elastic search, Kibana, haproxy).

-Maintain and develop Enterprise portal to suit company and client needs.

-Collaborate closely with OSS/BSS and Commercial departments to understand and assist in meeting business requirements and address missing data submissions.

-Help internal teams with preparation of monthly reporting needs for the management teams.

-Conduct R&D projects to explore new potential business areas.

-API testing with POSTMAN, Restlet, Rest Api for Android.

-Develop simple solutions to address complex problems.

-Participate in brainstorming sessions and contribute ideas to our technology.

Education

Temple University
Doctor of Philosophy, Computer and Infomation Sciences · (August 2023 - May 2028)

Rajshahi University of Engineering & Technology
Bachelor of Science , Electronics & Telecommunication Engineering · (March 2014 - December 2018)