
Manash Sarker

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Objective

To pursue a career in ICT and work in a technically competitive environment using my creative-skill. I aspire to be an IT Professional and trigger Projects requiring innovation and endeavor.

Educational Background

Degree	Institution	Result	Year
Erasmus Mundus Masters in Information Technology for Business Intelligence	1. Univesite Libre de Bruxelles (ULB) Belgium, 2.Université François Rabelais Tours (UFRT) France, 3.Ecole Centrale Paris (ECP) France, 4.Universitat Politècnica de Catalunya (UPC) Spain 5.Technische Universität Berlin (TUB) Germany	Currently in the Program	2013
B. Sc in Computer Science & Engineering	Bangladesh University of Engineering and Technology(BUET), Dhaka Bangladesh	CGPA: 3.71 out of 4	2011
H.S.C	Govt. Syed Hatem Ali College (Barisal Board) Bangladesh	GPA 5.00 out of 5	2005
S.S.C	Barisal Zilla School (Barisal Board) Bangladesh	GPA 4.88 out of 5	2003

Practical Experience

Name	Description
Oracle RAC(Real Application Cluster) Administration	<ul style="list-style-type: none">Practical Experience in Oracle RAC server administration, RMAN Backup and Recovery and Performance tuning and auditing in Pubali Bank Limited.
EMC Storage Administration	<ul style="list-style-type: none">Practical Experience in managing EMC storage solution and SAN switches.

Implementing Disaster Recovery Centre	<ul style="list-style-type: none"> • Practical Experience of Implementing Disaster Recovery Centre in Pubali Bank Limited
Cisco IPS(Intuition Prevention System) Administration	<ul style="list-style-type: none"> • Practical Experience in Cisco IPS administration in Pubali Bank Limited.
Antivirus Server Administration	<ul style="list-style-type: none"> • Practical Experience in Antivirus Server Administration (Kaspersky & Escan) in Pubali Bank Limited
Access Control System Administration	<ul style="list-style-type: none"> • Practical Experience in Soyal Access Control System Administration in Pubali Bank Limited.

Training

Title	Topic	Organization	Year
Oracle Database 11g: Performance Tuning Ed 2 PRV	Performance Tuning	Oracle University	May,2013
Oracle Database 11g: RAC Administration Ed 2 PRV	RAC Administration Backup and Recovery	Oracle University	May,2012
Cisco ASR Router and IPS Administration	Cisco ASR Router and IPS Administration	Network and Hardware Solutions Limited (collaboration with Cisco)	September,2012

Employment History

Name Of Organization	Position	Department	Period
Pubali Bank limited	Computer Engineer (Senior Officer)	Business Data Analysis group (Information Technology Division)	April,2011-July,2013

Skills

Computer Skills

Programming Language	IDEs & Tools	OS Platform	Framework
<ul style="list-style-type: none"> • C/C++ • Java • C Sharp (C#) • PHP • 8086 Assembly Language • PL/SQL • Prolog 	<ul style="list-style-type: none"> • MS Visual Studio • Net Beans IDE • Turbo C++ 	<ul style="list-style-type: none"> • Windows 7 • Windows Vista • Windows XP • Unix 	<ul style="list-style-type: none"> • Microsoft .NET framework

Networking Skills

	Topic	Networking Tools
Database	<ul style="list-style-type: none"> • LAN • OSI & TCP/IP Model • HTTP, DNS, DHCP, FTP • Oracle, MSSQL 	<ul style="list-style-type: none"> • Packet Tracer 4.1
Design & Modeling	<ul style="list-style-type: none"> • Unified Modeling Language(UML) 	

Academic Projects

Name	Description
Analyzing Online Analytical Processing (OLAP) Data Cube using SQL Power Wabit (An Open Source BI Reporting Tool), Generate Report and Taking Strategic Decision	<ul style="list-style-type: none"> • Group Project done in Data Warehouse course. The main aim of the project is to analyze an open source business intelligence reporting tool.
Taking Strategic Decision For Hennes & Mauritz AB (H&M) to Set Up a Garment Manufacturing Company	<ul style="list-style-type: none"> • Group Project done in Decision Engineering course. The main aim of the project is to model a decision problem and analyze it with D-sight software using Promethee II and Global visual analysis method
External Memory Sorting Algorithm Implementation	<ul style="list-style-type: none"> • Group Project done in Database System Architecture course. The main aim of the project is implementing external memory merge-sort algorithm in java, and examine its performance under different parameters

Elix Taxi Service Using Cassandra	<ul style="list-style-type: none"> Group Project done in Advance Database course. The main aim of the project is to discovering feature of Cassandra
Explore Alpha+ Algorithm	<ul style="list-style-type: none"> Group Project done in Business Process Management course. The main aim of the project is to discover alpha+ algorithm which is one of the process mining algorithm.
4-bit Microprocessor	<ul style="list-style-type: none"> Group project. Developed a 4-bit microprocessor capable of executing 28 instructions in SAP with LSI, MSI chip
Modified Booth's Multiplier	<ul style="list-style-type: none"> Group project (Hardware) . Implemented modified version of booth's multiplier capable of ten bits multiplication in 2's complement form.
Enhancing the ability of Nachos OS	<ul style="list-style-type: none"> Nachos is a minimum operating system which is developed for educational and experimental purpose. Our task in this project was to enhance Nachos by implementing process management and memory management.
Simulating Data Link Layer	<ul style="list-style-type: none"> Group project. Implemented the sliding window protocol with piggybacking in java.
Medical Service Management Software	<ul style="list-style-type: none"> Group project. Developed software for a medical service management provider company using C# and Oracle.
Department Store Management Software	<ul style="list-style-type: none"> Developed Department store management software by C# & Oracle.
Developing a compiler	<ul style="list-style-type: none"> Implemented symbol table, token parsing and intermediate code generation as a group project.
Digital Logic Simulator	<ul style="list-style-type: none"> Group project. Developed in java to simulate logic circuit.
Phone Book	<ul style="list-style-type: none"> Individual project. Developed in C programming language.

Personal Details

Date of Birth	August 11, 1988
Permanent Address	C/O: Manabendra Sarker Spring Castle, Flat No-5A House No-186/C, Road No-4 Mohammadi Housing Limited Mohammadpur, Dhaka, Bangladesh
Nationality	Bangladeshi by Birth
Marital Status	Married
Interest	Football, Reading, Traveling, Listening to music and Watching movies.

Reference

Name of Person	Designation	Organization	Contact
Dr. Esteban Zimanyi	Director Department of CODE	Univesite Libre de Bruxelles (ULB) Belgium	ezimanyi@ulb.ac.be
Dr. Toon Calders	Associate Professor Department of CODE	Univesite Libre de Bruxelles (ULB) Belgium	toon.calders@ulb.ac.be
Dr. Patrick Marcel	Associate Professor Department of CS	Université François Rabelais Tours (UFRT) France	patrick.marcel@univ-tours.fr