

Mohammad Zakir Hossain

Computer Science, M. Sc.

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Teaching Assistant, *University of Eastern Finland*, October 2023, UEF, Finland

- Practical session supervision of Artificial Intelligence and Advanced Deep Learning
- Project for obstacle avoidance of Trutlebot3 Robotics with Karelcs
- Data analytics, and data visualization and clustering

Integration Engineer, *Ericsson (Bangladesh) Limited*, Nov 2022 – Aug 2023, Dhaka, Bangladesh

- Integration and configuration network equipment
- Respond to the customers' requirements
- Develop automated software for the improvement of work efficiency
- Automation of the project and daily tracker in the cloud environment
- Rack installation for data center and DC cabling

Project Coordinator, *Robi-Axiata Ltd*, Jul 2022 – Nov 2022, Dhaka, Bangladesh

- Prototype design for industrial automation using Robotics.
- Develop strong relationships with customers to gain a deep understanding of their needs and preferences.
- Organize and coordinate the day-to-day operations of the Technical Support team.
- Configuration, integration, feature testing, evaluating and monitoring multivendor.
- Develop the testing tools to automate the tasks.

Technical Manager, *4K Engineering Limited*, Dec 2018 – Jun 2022, Dhaka, Bangladesh

- Architecture design and development for ERP system.
- Architecture design and development for android mobile app development.
- Lead the team to take challenge for difficulties.
- Object oriented coding and design and integrated interfaces through Rest API.
- Customization of MOODLE Tackle complex customer cases to provide innovative technical solutions.
- Identifying and managing potential risks and crises
- Conducting regular performance reviews and providing constructive feedback to team members
- Implementing and overseeing quality assurance to ensure consistency and quality in customer interactions
- Resolving conflicts efficiently and diplomatically
- Make critical decisions in resolving escalated cases and ensuring customer needs are met.

Deputy Manager, *OLLO Wireless Internet*, Nov 2011-Dec 2018, Dhaka, Bangladesh

- Responsible for high level and low level network design, hardware mounting, SCADA system
- Responsible to configure, maintain and troubleshooting network routing protocols BGP, OSPF, IS-IS.
- IP Network design and planning for IP/MPLS, MPLS-TP and layer-2 and layer-3 VPN.
- Router configuration of M6000 for ZTE, CISCO 2900, 3700 series switches & High end outer series.
- Evaluating and monitoring multivendor devices (CISCO, Juniper, ZTE, Huawei routers and switches)

RAN Engineer, *Nokia (Bangladesh)*, Mar 2010 - Nov 2011, Dhaka, Bangladesh

- Perform Security incident investigations as per demand and policy and maintain licenses on IP RAN
- Automation tools development for BSC and edge BTS

Software Engineer, *SYSKOM information system Limited*, Jul 2004 - Apr 2006

- Created the required specification and documents for the project. Design and development the Software and design the documents using UML. Worked as a Component Developer to code in Java and J2EE technologies. Software architecture design. Lead the team and integration among different layer of UL, DL & BL. Created UI using JSP's. Database design and development. Extensive usage of J2EE design patterns namely DAO. Maintained documentation using Javadoc.
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SKILLS

Software Skills: ERP system development, Script design and configuration for Process automation, Mobile Application

Used Technologies: Java, Python, R, Linux, ROS2, Docker, Cake PHP3, MySQL, HTML, JavaScript, PHP Storm, Confluence, Lucidchart, GitHub, Jira, AWS, PyCharm, Visual Studio

Telecommunication Technologies: 2G, 3G, 4G and 5G: Vendor: Ericsson, Nokia, Huawei, ZTE, CISCO Router

Microsoft office: Possess working command over word, excel, Macro, PowerPoint & Power BI

Language Proficiency: English: Proficient, Finnish: Basic

EDUCATION

Master of Science in Computer Science, *University of Eastern Finland*, Sep 2023 – Continue, Joensuu, Finland

Bachelor of Science in Computer Science and Engineering

Dhaka University of Engineering and Technology, 1999-2004, Dhaka, Bangladesh

Diploma in Electrical Engineering, 1996-1998, Dhaka, Bangladesh