

MAHBUB TALUKDER

ASSISTANT MANAGER - DEVOPS

+88 01965-493210,
+88 01704-119667

mahbubalum.talukder@gmail.com

H-08,R-7/2,Block-E, Mirpur-12, Dhaka

linkedin.com/in/m-talukder/

github.com/mahbub-talukder

mahbubtalukder.com

SUMMARY

Innovative and results-driven **Senior Software Engineer** with 5.5+ years of experience specializing in **Fullstack development, DevOps, Networking & cloud infrastructure**. Proven ability to design scalable architectures, automate business processes, and lead engineering teams to deliver high-performance enterprise applications. Strong expertise in **ISP business automation, ERP solutions, RESTful APIs, DevOps, microservices, and cloud-based solutions**. Passionate about developing high-performance systems, leading teams and aligning technology with business goals to drive efficiency and innovation.

CORE TECHNICAL SKILLS

Backend & DevOps :

- Python, JavaScript
- **Django, Odoo, Node.js**, REST APIs
- Microservices Architecture, CI/CD Pipelines, Docker, Kubernetes
- DevOps Practices, Infrastructure as Code (IaC), System Automation

Frontend & UI Development:

- **Vue.js, Angular, React**, Bootstrap, HTML5, CSS3
- UI/UX Prototyping (Figma)

Cloud & Networking:

- RADIUS, MikroTik, Juniper
- Network Security
- AWS

Software Testing & Security:

- Selenium, Locust (Load Testing), PyTest
- Security Best Practices & Compliance

INTERPERSONAL SKILLS

- **Leadership:** Experienced and well capable to lead and mentor junior team members and colleagues, providing guidance and support in technical matters and career development.
- **Effective Communication :** communicate effectively with team members, stakeholders, and clients. Proficiency in presenting technical information, project updates, and project/ideas proposals to management or clients.
- **Creative Problem Solving:** Strong analytical skills to dissect complex problems, identify root causes, and formulate effective solutions.
- **Strategic Planning / Critical Thinking:** Capable of aligning technical efforts with wider organizational goals.

WORK EXPERIENCE (6 YEARS)

Stardust Telecom Ltd (Confidence Group of Company)

Assistant Manager - DevOps • Aug 2021 to Present (4 years)

- **Designed & developed** MIME Connect, a full-scale ISP Business Management Software using Django, Vue.js & Odoo.
- **Optimized API performance**, reducing response times by 40% and improving system scalability.
- **Implemented RADIUS automation**, increasing ISP efficiency while reducing manual intervention.
- **Implemented Juniper automation**, increasing wholesale bandwidth business efficiency while reducing manual intervention.
- **Built enterprise-grade CRM & inventory systems** to streamline ISP and Internal business operations.
- **Led a team of developers**, ensuring Agile sprint planning, code quality, and knowledge-sharing.
- **Developed Email Escalation Software**, ensuring 100% successful business email communication by tracking email system.
- **Developed Pop-Up Notification Software**, automating real-time alerts for critical business operations.
- **Implemented robust server infrastructure**, using Docker and Docker Swarm, ensuring high availability through ProxySQL and Galera Cluster for database replication, and GlusterFS for distributed storage, resulting in 99.9% system uptime.

Key Achievements:

- ✓ **Reduced system downtime by 50%** through infrastructure automation.
- ✓ **Automated Networking & ISP business process**, speeding up internet service providing operations and reducing costs.
- ✓ **Scaled business processes**, driving operational efficiency and reducing costs.
- ✓ **Recognized as Employee of the Quarter (Oct-Dec 2022).**

Green Delta Insurance Company Ltd.

Software Engineer (Senior Executive Officer) • Sep 2020 to July 2021 (1 years)

- **Revamped Core Insurance Software** to manage insurance business operation and enhance user experience.
- **Developed frontend components** using Angular, JavaScript & Node.js.
- **Conducted existing code reviews, performed testing, effectively debugged issues, and promptly corrected and gave support to any identified problems** to improve system usability and reducing systems bugs and security vulnerable.
- **Designed a complete UI prototype in Figma**, for the core insurance software to modernizing user experience.

Key Achievements:

- ✓ Enhanced system flexibility, reducing system defects and UI complexity.
- ✓ Optimized customer experience through interactive, responsive UI improvements.

IntoiT Bangladesh Ltd.

Front End Web Developer • Aug 2019 to Sep 2020 (1 years)

- **Developed & launched GDAMS (Approval Management System)** to streamline approval workflows.
- **Developed & launched Student Hostel Management System** to enhance administrative operations of student hostel management.
- **Integrated payment gateways (bKash, SSLCOMMERZ)**, streamlining online transactions/payment.
- **Designed secure RESTful APIs** using Laravel for seamless data exchange.

Key Achievements:

- ✓ **Optimized application workflows**, leading to a **30% increase in system efficiency**.
- ✓ **Successfully delivered highly scalable, secure, and user-friendly applications**.

KEY PROJECTS

- ✓ **MIME Connect:** Developed an ISP Business Management Software, automating full business operations including Retail (ISP, IPTV, IPTSP), Corporate (ISP, IPTV, IPTSP), Wholesale ISP, MAC Based ISP, On-demand ISP, Accounting & Sales and many more necessary business operation automation.
- ✓ **Construction Management System:** Developed an construction/developer Business Management Software, automating full business operations including Project management, HR payroll, Employee, Labor, Client Management, Accounting & Sales and many more.
- ✓ **GDAMS (Approval Management System):** Streamlined approval workflows, introduce paper less office by automating approval process for the company, developed an Approval Management System.
- ✓ **Student Hostel Management System:** Automated student's hostel operations for better administrative control.
- ✓ **Email Escalation System:** Built an automated email tracking system for real-time alerts and communication.
- ✓ **Windows Pop-Up Notification Application:** Designed a desktop notification system for improved internal communication.
- ✓ **Core Insurance Software Revamp:** Led a major UI/UX overhaul to enhance user experience and system flexibility and developed front-end system, automating insurance business operation.
- ✓ **Ticketing Management System:** Developed an Ticketing Management System, automating service desk daily operations
- ✓ **Digital Education Assistant [DEA]:** Developed an AI based digital education system to enhance both student and teacher learning and teaching experience, transforming traditional education to digital education system.

EDUCATION

Bachelor of Science in CSE

Green University of Bangladesh
Major: CSE | Year of Graduation: 2022
CGPA - 3.04 out of 4.00

Diploma in Engineering

Kishoreganj Polytechnic Institute
Major: Computer Technology | Year of Graduation: 2018
CGPA - 3.28 out of 4.00

HONORS & AWARDS

Employee of the Quarter (October-2022 to December-22)

Issued by Confidence Group of Company | Dec 2022

TRAINING & CERTIFICATIONS

Problem Solving (Intermediate)

HackerRank

Issued on Nov 2023 | [Credential ID : 8D210E14F56E](#)

ITIL4 (Information Technology Infrastructure Library V4)

Global Skills Development Agency

Issued on Jan 2021

Network Management and Monitoring (NMM)

Bangladesh Network Operators Group (bdNOG)

Issued on Dec 2022