# MIR LUTFUR RAHMAN

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## SUMMARY

Innovative software engineer with a strong foundation in backend development, specializing in Java and Spring Boot. Skilled in creating scalable, high-performance applications and integrating complex systems with a focus on test-driven development and agile methodologies. Experienced in collaborating with cross-functional teams to deliver end-to-end solutions. Passionate about leveraging technology to solve real-world problems in dynamic environments.

## WEBSITES, PORTFOLIOS AND PROFILES

- LinkedIn: mir-lutfur-rahman
- GitHub: mlrahman | mirrahman63
- Website: mlrahman.github.io

## CO-CURRICULAR ACTIVITIES

- Co-advisor, NEUB Sports Club, 2019-20
- Vice President, NEUB CSE Society, 2017-18
- Executive Member, NEUB CSE Society, 2015-16
- Set 20+ programming problems in Hacker Rank and Dev Skill

## PROJECTS

**NEUB Result Portal:** Designed and developed an academic results management system, improving data accessibility. **2DOF Robotic Arm:** Built a robotic arm using Arduino for automated character sketching. **Web Video Recorder:** Developed a browser-based video recording tool

## EXPERIENCE

**Graduate Software Engineer**, 10/2022 - Current
**The Hut Group (THG)**

- Spearheaded backend development using Java and Spring Boot, implementing asynchronous processes to optimize system performance
- Designed dynamic and responsive user interfaces using Angular, TypeScript, and Bootstrap
- Enhanced procurement features, including requisitions, invoices, and delivery processes, serving global business units
- Led system integrations across teams to ensure seamless operations, adhering to agile practices and TDD
- Provided on-call support for critical system outages, resolving issues with minimal downtime

**Technical Support Analyst**, 09/2021 - 09/2022
**Books Express Limited**

- Integrated APIs with platforms like Amazon, Shopify, and eBay for streamlined e-commerce operations
- Automated stock management workflows using WMS integration, improving inventory accuracy
- Developed scripts and processes to support publishing tasks, including metadata handling for print and eBooks
- Provided user training and created documentation for technical workflows, enhancing operational efficiency

**IT Support Assistant (Part-Time)**, 04/2021 - 08/2021
**Books Express Limited**

- Delivered IT support to end users, resolving hardware and software issues promptly
- Monitored and maintained internal network performance, ensuring minimal downtime
- Assisted in configuring and troubleshooting systems to support business continuity

**Lecturer**, 05/2018 - 10/2020
**North East University Bangladesh**

- Taught advanced programming and software development courses, mentoring 100+ students
- Supervised and guided 20+ academic projects, promoting technical excellence and creativity
- Organized workshops on robotics, programming, and web development to inspire and train students

**Web Developer (Remote)**, 02/2018 - 07/2018
**Veechi Technology**

- Built and deployed interactive web applications with PHP and JavaScript
- Delivered client projects on time, adhering to high-quality coding standards and testing protocols

leveraging WebRTC for real-time functionality. **Online Ordering System:** Engineered a streamlined ordering application integrating secure payment APIs.

# EDUCATION

**Master of Science** : Advanced Computer Science, 2022
**University of Hertfordshire** - Hatfield

**Bachelor of Science** : Computer Science & Engineering, 2018
**North East University Bangladesh** - Sylhet

# SKILLS

- Java
- JavaScript
- PHP
- Spring Boot
- Angular
- REST API Development
- PostgreSQL
- MySQL
- Docker
- RabbitMQ
- Zabbix
- Test-Driven Development (TDD)
- Agile & Scrum

# ACCOMPLISHMENTS

- Champion: Rescue Robot Competition, TechHunt 2017.
- 4th Position: Sumo Robot Fight, SUST CSE Carnival 2017.
- Runner-Up: International Robotics Challenge, IIT Bombay 2016-17.
- Champion: International Robotics Challenge, Bangladesh Zonal Round 2016-17.
- Champion: Youth Innovation Competition, Solve-A-Thon, Sylhet Divisional Round 2016.
- 5th Position: Top Ten Young Innovator, Sylhet Digital Fair 2016.
- 2nd Runner Up: Robo Fight Competition, SRC Robo Fight 2016.
- Champion: Software Exhibition, NEUB CSE Day 2015.
- Champion: Project Exhibition, NEUB CSE Day 2015.
- Champion: Programming Contest, NEUB CSE Day 2015.
- Participated ICPC 2015-2017, NCPC 2015-2017.
- Solved 500+ competitive programming problems on platforms such as UVA, Codeforces, and DevSkill.