

# Subhashis Mollick

## Senior Software Engineer

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## Work Experience

### Senior Software Engineer - Selise Digital Platforms

Apr 2020 - Present

- Developed a user management assigning dynamic roles efficiently and optimized a role feature matrix to improve application performance.
- Integrated an event log system, resulting in a **30% improvement** in application transparency and manageability.
- Designed an elevator management system, resulting in a **significant speed improvement** and **reduced cost 5-6k usd/month** for the client.
- Implemented a dashboard system using Azure Functions and Cosmos DB, consolidating summaries and achieving a **20% improvement** in data accessibility. Users experienced a **50% reduction** in time spent navigating multiple applications, contributing to improved overall workflow efficiency.

### Software Engineer Intern - Ginilab Bangladesh

Feb 2019 - Aug 2019

- Achieved **25% boost in overall restaurant revenue** by catalyzing increased customer engagement and satisfaction.
- Implemented a comprehensive user management system, resulting in a **10% reduction in onboarding time** for customers.
- Designed and optimized the food ordering system, resulting in a **20% decrease in order processing time**, contributing to a more efficient ordering experience for the user.

## Personal Projects

### Contest Performance Tracking System | .Net Web API, Mongodb, HTML, CSS, JavaScript, REST API

- Analyzes the performance of users participating in contests across various online judges and evaluates the performance metrics, providing valuable insights into their achievements and progress.

### Chat Application | HTML, CSS, JavaScript, Java Spring Boot, Web Socket

- Enabled multiple members to engage in simultaneous conversations, fostering seamless interaction.

### Department Digitalization System | HTML, CSS, Bootstrap, JavaScript, JQuery, PHP with Codeigniter framework, MySQL db

- Resulted in improved accessibility and efficient maintenance of teacher, student, and staff details, student management, department maintenance, class routine, and student attendance.

## Skills

- C++, C#, .Net, Java Spring Boot, JavaScript, TypeScript, Angular, Php, MongoDB, SQL, HTML, CSS, RabbitMQ, Docker, Microsoft Azure
- OOP, Design Patterns, Data Structures and Algorithms, Problem Solving, High level and Low level system design, Microservices, Distributed Systems
- Soft Skills:** Mentoring, Team player, Problem-solving, Collaboration & communication, Quick Learner & Time Management

## Achievements

- Awarded as a Rising Star** in my product unit (Mobility & logistics), Selise Digital Platforms. [Reference](#)
- Achieved 1st, 2nd, 3rd position in Inter and Intra Department Programming Contest, CSE, IU
- 25th in Kuet Bitfest IUPC 2019 (**Top 23%**) [IU\\_Lazy\\_Tortoise](#)
- 32th in MBSTU 1st Carnival 2017 (**Top 33%**) [IU\\_Rockers](#)
- 37th in BUET IUPC 2018 (**Top 45%**) [IU\\_Downfallen](#)
- Qualified the prestigious ACM ICPC Dhaka Regional Contest 2017 to 2019, NCPC-2020 & 15+ national contests. [Reference](#)
- Problem Setter and Judge - SELISE Coding Challenge 2020 & 2023. [Contest Link](#)

## Education

### Islamic University, Bangladesh

Apr 2015 - Aug 2022

- M.Sc in Computer Science & Engineering - (Nov 2020 - Aug 2022)
- B.Sc in Computer Science & Engineering - (May 2015 - Oct 2020)

## Online Profile

- Codeforces ID: ([Subhashis\\_CSE](#)) (Max:1596)- **Top 11%** among 600,000+ users.
- Leetcode: ([subhashis.cse](#)) (Max:1788)- **Top 10%** among 600,000+ users.
- Solved 5400+ problems and participated 640+ online programming contest. **Top 1%** in highest problem solver rankings. [Reference](#)

## Certification

- AZ-900:** Microsoft Azure Fundamentals Exam [Certification](#)
- Docker:** Docker for the Absolute Beginner [Certification](#)
- Kubernetes:** Kubernetes for the absolute beginner [Certification](#)