

Shahriar Iqbal

Phone: +358417231329 | Address: Paalikatu 14, 90520 Oulu, Finland

 [LinkedIn](#) |  [shahriariqbal.github.io/shahriar-iqbal](https://github.com/shahriariqbal/shahriar-iqbal) |  shahriar.iqbal.dev@gmail.com |  [GitHub](#)

Work Experience

Software Engineer | [iXora Solution Ltd](#) | Mar 2022 – August 2023

- Developed a software module for our client, **UST Mamiya**, that automates their product design process, which has improved their overall business logic and operational efficiency.
- Actively participated in sprint planning and execution and also mentor/trained other team members as needed.
- Worked closely with the QA team, project manager, as well as the client throughout the development life cycle, ensuring seamless project execution and delivery.
- Implemented highly available and scalable software components, also involved in deployment and documentation.
- Configure, administrate and develop enterprise eCommerce systems for our client **The Modist**.
- **Used Technology Stack:** React.js, Node.js, Flask, Docker, Django, Typescript, MongoDB, Magento, Umbraco, MongoDB, MySQL, PostgreSQL, Swagger.

Software Engineer | [One Information And Communications Technology Limited](#) | Apr 2021 – Mar 2022

- Upgraded the in-house legacy HRM system, resulting in improved HR processes and workforce management.
- Updated the CMS and analytic system of our client's eCommerce platform, **BongoBaba**, which enabled them to efficiently distribute tasks among their content management team.
- Designed, developed and managed Multi Vendor E-commerce website, ERP and POS system.
- Participated in software architecture planning and developed both the frontend and backend components of web applications.
- **Used Technology Stack:** React.js, Angular, Node.js, Laravel, Docker, Typescript, MongoDB, MySQL.

Full Stack Web Developer | [Ezze Technology Limited](#) | Sep 2020 – Mar 2021

- Refactored and optimized the codebase of an existing project with over a thousand active users, **Startup Bangladesh**, reducing API latency, improving the user experience, and fixed production bugs.
- Worked with multiple government projects, participating in the whole process of their development: project design and estimation, code design and development, project launch and maintenance.
- **Used Technology Stack:** Laravel, jQuery, Vanilla Javascript, MySQL, MariaDB, Bootstrap, SASS, CSS, HTML.

Internship Trainee | [Contessa Solutions & Consultants Ltd](#) | Oct 2018 – Feb 2019

- Learned basic concepts of Network Vulnerability and Ethical Hacking.
- Learned Wireshark basic filtration and network vulnerability checking (used NISSUS).
- Worked on computer forensics (used AUTOPSY).
- Got an in-depth knowledge of the Linux system.

Technical Skills

Programming Languages: JavaScript | TypeScript | PHP | Python | C++

Frontend Technologies: React | Angular | Bootstrap | SASS | jQuery | HTML | CSS

Backend Technologies: Node.js | Express.js | Next.js | Laravel | Django | Flask

Database: MySQL | MSSQL | PostgreSQL | MongoDB

Others: Azure DevOps | Docker | Kubernetes | Git | Firebase | SonarQube | Jest | Magento | Swagger

Methodology: Enterprise Software Architecture | Agile Methodology | MVC Architecture | Automation Testing | Unit Testing

Academic Experience

Master of Science in Software Engineering and Information Systems

[University of Oulu](#) | Oulu, Finland | September 2023 – Current

Bachelor of Science in Computer Science & Engineering

[Military Institute of Science and Technology](#) | Dhaka, Bangladesh | May 2015 – July 2020

Professional Projects

[Design Book for Golf shaft](#) | Associated with [iXora Solution Ltd](#)

- Developed a module for [UST Mamiya](#) to automate the golf shaft design process.
- Created a user-friendly interface for customers, allowing them to configure the complex calculations involved in shaft design.
- Developed specific back-end APIs to ensure the precise calculation of golf shaft characteristics.
- Streamlined project deployment through Dockerization for both the frontend and backend components.
- Led documentation efforts, actively participated in sprint planning, and code reviews for quality assurance.
- **Technology Stack:** React.js, Redux, Flask, Docker, Git, PostgreSQL.

[Bangladesh Rice Research Institute](#) | Associated with [One Information And Communications Technology Limited](#)

- Worked on a mobile app based project that could identify rice plant pests and diseases by analyzing images of affected organs.
- Developed robust APIs that facilitated communication between the mobile app and the image processing system.
- Developed Q&A platform where farmers can post questions using the app and get answers from specialists.
- Developed a CMS to manage rice plant related records, manage users account and data visualization.
- **Technology Stack:** React.js, Redux, Express.js, Docker, Git, MongoDB.

[Digital Security Agency](#) | Associated with [Ezze Technology Limited](#)

- Worked on a web application for the Bangladesh ICT Division, which has been designed to provide digital security to the people.
- Implemented authentication system with OTP verification for enhanced user account security.
- Integrated notification system, multi-language support to broaden accessibility.
- Developed CMS and user-friendly admin panels for streamlined administration.
- **Technology Stack:** Laravel, MySQL, jQuery, Bootstrap, CSS, HTML.

Personal Skills

Developed strong leadership and communication skills through below experiences :

Leadership Skills:

- Tutor, at Science Coaching, a center for students from various schools. (2016-2019)
- Organized Study Tour with CSE group -Industrial visit to the Cox's Bazar Cable Landing Station.
- Leader, School Scout Team (2011). Ex cadet of BNCC. (2012 - 2014)

Communication Skills:

- Communicating with international customers and software developers to find out customers' needs and solve complex problems.
- Active member of MIST Robotics Club, MIST Cultural Club and Bangladesh Student Council.