

# Mohibul Hassan Chowdhury

Portfolio: [mohibulsblog.netlify.app](https://mohibulsblog.netlify.app)

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## PROFESSIONAL EXPERIENCE

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- **Cefalo (Offshore branch of Cefalo AS, Norway)** Dhaka, Bangladesh  
*Senior Software Engineer* Sept 2022 - Present
  - **Full Stack Development:** Develop and maintain high-performance, scalable solutions for LeadDesk, a leading CPaaS provider, using Java (Jersey), JavaScript (Vue, AngularJS), TypeScript, and Erlang
  - **Client Collaboration:** Work closely with international clients to understand requirements, design solutions, and implement features that meet business needs
  - **System Architecture:** Contribute to software architecture decisions and API development, ensuring scalability and maintainability of systems serving 24,000+ users with 99.99% uptime
  - **Research & Development:** Implement performance enhancements and process improvements, increasing release frequency to 4 times per sprint
  - **Code Quality:** Conduct thorough code reviews, mentor junior developers, and ensure adherence to best practices and coding standards
  - **Problem Solving:** Utilize strong analytical thinking and decision-making skills to troubleshoot and resolve complex technical issues
- **Brain Station 23** Dhaka, Bangladesh  
*Software Engineer* Dec 2020 - Sept 2022
  - **Backend Development:** Developed robust backend services using Java Spring Boot framework and Spring Data JPA, ensuring scalability and performance
  - **Authentication System:** Designed and implemented a custom multi-tenant authentication system, enhancing security for various user levels
  - **Payment Integration:** Successfully integrated Stripe payment gateway into existing Spring Boot application, managing product categories, transaction history, and service allocation
  - **Testing & Quality Assurance:** Improved codebase test coverage by writing comprehensive unit and integration tests using JUnit and Mockito
  - **Agile Practices:** Collaborated effectively with international clients in an Agile/Scrum environment, ensuring timely project delivery
- **Welldev** Dhaka, Bangladesh  
*Junior Software Engineer* Sept 2019 - Nov 2020
  - **Frontend Development:** Developed responsive UI components for chatbot projects using Vue.js, Nuxt.js, and Angular, implementing state management with Vuex and VuexORM
  - **Backend Development:** Created RESTful APIs and backend functionalities with Spring Boot and PostgreSQL
  - **Component Library:** Built a component library using Storybook to facilitate design verification and consistency
  - **Testing:** Increased code quality by implementing unit tests for Vue components using Jest and Vue Test Utils
  - **DevOps:** Containerized local development environment using Docker, improving team productivity and consistency

## TECHNICAL SKILLS

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Languages	Java, JavaScript, TypeScript, SQL, GoLang, HTML, CSS, Erlang
Frameworks & Libraries	Spring Boot, Hibernate, Vue.js, Nuxt.js, Angular, Node.js, Jersey
Tools & Technologies	Git, GitHub Actions (CI/CD), Docker, PostgreSQL, Firebase, Cloud Functions, AEM
Methodologies	Agile, Scrum, Test-Driven Development (TDD), Microservices Architecture
Technical Writing	Baeldung: Java/Spring articles with production-ready code samples; collaborate on editorial QA

## KEY PROJECTS

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- **LeadDesk CPaaS Platform (Professional):** Developed and maintained critical features for a Contact Center as a Service (CCaaS) platform, serving 24,000+ users with 99.99% uptime. Utilized Java, JavaScript, TypeScript, and Erlang in a microservices architecture.
- **AbbviePro (Professional):** Contributed to a multi-tenant Adobe Experience Manager (AEM) website for healthcare professionals. Developed backend in Java and frontend using AngularJS, adhering to enterprise CMS standards.
- **Hospital Management System (Personal):** Developed a comprehensive API using Spring Boot, Spring Security, and Hibernate. Implemented JWT-based authentication for secure access to patient, doctor, and admin endpoints.
- **SOAP-Based Bookmarking Web Service (Personal):** Created a SOAP web service for bookmark management with CRUD operations, utilizing Spring Boot and XML for data transfer.

## EDUCATION

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- **BRAC University** Dhaka, Bangladesh  
*Bachelor of Science in Computer Science* 2019