

Mohibul Hassan Chowdhury

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PROFESSIONAL EXPERIENCE

- **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
- **Baeldung** Voluntari, Remote
Contributing Author 2024 - Present
 - **Java Articles:** Write in-depth technical articles on Java topics for Baeldung, a leading programming tutorial site with over 5 million monthly visitors
 - **Published Content:** Author of articles including "Read Response Body in JAX-RS Client" and "Java Date and Calendar: From Legacy to Modern Approaches"
- **DZone** Voluntari, Remote
Contributing Author 2024 - Present
 - **Featured Publications:** Published "Hot Class Reload in Java: A Webpack HMR-Like Experience for Java Developers" and other technical content
 - **Java Development:** Share expertise on advanced Java topics including dynamic compilation and custom class loading techniques

TECHNICAL SKILLS

Languages	Java, JavaScript, TypeScript, SQL, 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

KEY PROJECTS

- **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 |
| • <i>Bachelor of Science in Computer Science</i> | 2019 |