

Md. Saddam Hossen

+8801647618952 | saddamh.dev@gmail.com | linkedin.com/in/saddamhdev | github.com/saddamhdev

Professional Summary

Java Software Engineer with 5+ years of experience designing and deploying secure, scalable backend solutions. Skilled in building enterprise Java applications, including microservices and RESTful APIs with Spring Boot, while leveraging cloud infrastructure like AWS and container orchestration with Docker and Kubernetes. Proven track record of optimizing performance and reliability in complex codebases, ensuring robust and maintainable software solutions.

Technical Skills

- **Frontend:** React.js, Angular, HTML5, CSS3, JavaScript (ES6+), TypeScript, Bootstrap, Tailwind CSS
- **Backend & Messaging:** Spring Boot, REST APIs, Microservices, Apache Kafka, Redis
- **Databases:** MySQL, PostgreSQL, MongoDB, NoSQL
- **Cloud & DevOps:** AWS (EC2), DigitalOcean, Docker, Kubernetes, Jenkins, Git, GitLab CI/CD
- **Tools & Others:** Postman, WebSockets, JWT, Maven, IntelliJ IDEA, VS Code, Net-Beans, Eclipse, Brackets, Oracle, JAXB, JAXP, JPA, HTTP, XML, SOAP, H1B

Professional Experience

EARTHFACE It Solution

Jan 2024 - Present

Full Stack Java Developer

Developed enterprise-grade microservices using Spring Boot following Java design patterns; built RESTful web service interfaces to support scalable and fault-tolerant applications that enhance diverse business websites.

- Reduced session latency by 35% through performance engineering and integration of Redis caching, ensuring efficient processing and high throughput while addressing concurrent workloads.
- Automated CI/CD pipelines with Jenkins and GitLab; deployed containerized applications on AWS EC2 using Docker and Kubernetes, aligning with cloud computing best practices and server-side component development.
- Optimized SQL queries in MySQL and MongoDB to enhance database efficiency and page load times, reinforcing a robust codebase with precise implementation details.
- Implemented secure REST APIs with JWT authentication and role-based access control, contributing to enhanced application security and alignment with global delivery frameworks.
- Utilized debugging techniques and agile methodologies, including Scrum practices, to systematically analyze and resolve software issues, ensuring high-quality deliverables.
- Collaborated with cross-functional teams and analysts to refine software requirements, ensuring accurate specification, documentation, and adherence to program standards.

EARTHFACE It Solution

Jan 2023 - Jan 2024

Software Developer

Engineered desktop applications using JavaFX and Swing, reinforcing core Java skills critical for server-side component development and internal workflow support.

- Managed data persistence with MySQL and MongoDB, employing relational database standards and fault-tolerant design principles to satisfy rigorous system requirements.
- Constructed reusable UI components with modular design principles, utilizing MVC frameworks to meet functional requirements and promote clean architecture.
- Contributed to test strategy planning and quality assurance by utilizing JUnit and XML documentation, strengthening the reliability of the development lifecycle.
- Prioritized tasks to align with project timelines for medical software enhancements, ensuring effective integration of customer requirements.
- Mentored junior developers, fostering team collaboration and a culture of continuous improvement in software development practices.

SNVN Ltd

Jan 2020 - Dec 2022

Java Developer

Developed desktop applications using JavaFX and Swing to support internal business workflows, focusing on new software development. Emphasized the importance of XML documentation and SOAP integration where necessary.

- Managed relational and NoSQL data persistence with MySQL and MongoDB, implementing solutions that meet quality standards, including project requirements for technical proficiency and reliability.
- Created reusable UI components adhering to modular design principles, maintaining adherence to functional requirements through business requirement analysis.

Education

Mawlana Bhashani Science and Technology University, Tangail, Bangladesh

2023

Bachelor of Science, Computer Science and Engineering

- **GPA:** CGP 3.24/4.0

Projects

Attendance Software - Role-Based Attendance Tracker 2025

2025

- Developed a role-configurable attendance system with a SuperAdmin dashboard, focusing on detailed design elements in line with DBS standards.
- Secured REST APIs with JWT authentication and stored attendance data efficiently in MongoDB to facilitate maintenance and uphold fault tolerance principles.

Training App Online Training Platform 2024

2024

- Engineered a platform enabling Admins to manage quizzes and Students to participate and submit feedback, creating an opportunity for veteran developers to mentor budding talent while addressing banking industry needs.
- Delivered a responsive Angular front end and secured backend APIs using Spring Boot and JWT, addressing both non-functional requirements and user needs while fostering a positive culture of learning through a structured training program.

Device Management - Lifecycle Management System 2024

2024

- Developed a role-based full-stack system with modules for inventory, purchase, warranty, and service management within a Global Enterprise context, focusing on outsourced solutions.
- Designed backend REST APIs with Spring Boot and created dynamic front-ends with Thymeleaf and Bootstrap, ensuring effective project life cycle management while following efficient procedure protocols in accordance with Erisa and Finra compliance standards.
- Assertive leadership in coordinating efforts in a Fiduciary context and facilitating teamwork across organizational boundaries to drive innovation and promote effective interfacing between systems, further enhancing our business partner relationships with key stakeholders while leveraging Openshift for deployment stability.
- Engaged in System Analysis and integration discussions that highlight the importance of treasury operations, including experience as a Treasurer focusing on Funding projects that support our Office initiatives and push for impactful Web Application solutions tailored for our clients.
- My contributions also included integrating Amazon Web Services for superior cloud management and adopting Vue as an option for future product enhancements. I have always ensured to model my work processes around integrity and adhering to all Criminal regulations in place and provided insights on Twos strategies to enhance operational efficiency.

Certifications

- AWS Cloud Practitioner
- Responsive Web Design – freeCodeCamp