

REZAUN NABI

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JAVA DEVELOPER

AWS Certified Backend Java developer with 8 years of professional experience developing enterprise applications for Education, Health, Garments, and the Energy Sector. Developed robust and scalable Industrial ERP, Hospital Management System, Customer Management System, School Management System, and Inventory management systems using Java, Spring, Microservices, and AWS following SCRUM and Agile methodologies. Proficient in back-end technologies including Java, Spring, Hibernate, JPA, AWS (S3, EC2, RDS, Lambda), Oracle, MySQL, Git, Docker, Jenkins and Kubernetes.

Object Relation Mapping (ORM) REST/RESTful Object Oriented Programming (OOP) Messaging/Message Queue Containerization Cloud Computing CI/CD Design Patterns

Languages: Java, Groovy, JavaScript

Web: JSP, Servlets, EJB, Node.js, HTML5, Thymeleaf, FreeMarker Templates Language (FTL), AJAX, jQuery, CSS3, Bootstrap, Angular.js, Angular, React.js, Material, YAML

Web Services: J2EE, REST APIs, SOAP, JSON, XML, Jax RS, Rest Template, Feign Client, *Spring Cloud, Spring Cloud Gateway, Eureka, Hystrix, Ribbon, JWT, OAuth 2.0, Elasticsearch*

Web/App Servers: Apache Tomcat, GlassFish, Nginx

Frameworks: Spring MVC, Spring Boot, Microservices, Apache OfBiz, Express.js

Databases: MySQL, Oracle Database, PostgreSQL, MongoDB, PL/SQL

Design Patterns: Singleton, Prototype, Adapter, Factory, Decorator, Command

SDLC: Jira, Agile, Scrum, Waterfall

Cloud Platforms: AWS (S3, EC2, RDS, Lambda, DynamoDB, CloudWatch, SES, SNS, SQS), Docker, Kubernetes

Tools: Redis, Hibernate, JPA, Spring Data, ORM, Spring Batch, Spring Integration, Swagger, Maven, Postman, Dbeaver, JasperSoft Reports (TIBCO), JUnit, Mockito, TDD, Grafana

Messaging Tools: Kafka, RabbitMQ

CI/CD Tools: Git, GitLab (Version Control Systems), Jenkins

Build Tool : Maven, Ant, Gradle

Platforms: Windows, Linux, Mac

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a *Master's Degree in Computer Science* (Available for full-time, W-2 employment).

METADESIGN SOLUTIONS LTD(India). Dhaka, Bangladesh 12/2021 – 09/2023

MetaDesign Solutions is a CMMI Level 3 Compliance, ISO/IEC 27001:2013 and ISO 9001:2015 Certified company having a closely knitted team of 300+ multi-talented software professionals, developing and designing IT solutions for our clients globally based out of USA, Canada, Europe, Australia, and India.

<https://metadesignsolutions.com/>

Java Senior Software Engineer

Java software engineer contributed to Hospital and Education applications.

- Enhanced system modularity by implementing microservices-based architecture using **Spring Boot, Spring Cloud Gateway, and Eureka**, ensuring easier scalability and maintenance.
- Increased user engagement by 100% by developing a video consultation feature using **WhatsApp API and RabbitMQ**, significantly improving the online appointment booking process.
- Streamlined payment processes by 25%, integrating the **Paytm API** for secure online transactions, reducing payment errors and user complaints.
- Improved appointment attendance rates by 15% through a real-time SMS and email notification system built with **AWS Simple Email Service and Simple Notification Service**.
- Boosted document accessibility efficiency, enabling secure upload and retrieval of patient test reports and doctor prescriptions using **AWS S3 and Spring Security**.
- Achieved a huge improvement in deployment speed by leveraging **Docker** for containerization and **Kubernetes** for orchestration.
- Implementing **Agile** practices, fostering collaboration in **sprint planning**, and ensuring on-time feature delivery significantly improved team efficiency.
- Optimized application speed through advanced caching mechanisms with **Redis**, enhancing user satisfaction and experience.
- Always communicate with clients to gather requirements, create tasks in JIRA with description, time duration, and distribute among team-members following Agile Methodology, Scrum. Use analytical and organizational skills to solve problems in a critical time.
- Strong teamwork and team leadership skills, with a proven track record of managing and leading successful teams in Spring, Java, and Angular development.
- Effective decision-making, problem-solving, and strategic thinking abilities, resulting in successful implementation of strategies and meeting deadlines.

TECHNO VISTA LTD. Dhaka, Bangladesh ☐ 11/2020 – 11/2021

Techno Vista Limited is a leading software development company, has 25+ years of experience in this industry with deep expertise in Government and Local & Multinational projects, has spread its wings to Europe & USA with its services. <https://technovista.com.bd/>

Java Software Engineer

Build Spring application and REST APIs

- Designed and maintained a scalable system supporting 2 million users, ensuring reliability and high availability by leveraging **Spring Framework, AWS, Kafka, Frontend using Thymeleaf** and optimized database solutions.
- Worked on data import and export, procedures, and functions at the database level using SQL and PL/SQL, ensuring efficient data management with a significant increase in data handling accuracy.
- Enhanced integration capabilities by developing **REST APIs** for seamless data exchange with other systems, enabling efficient cross-platform functionality.
- Increased customer satisfaction by implementing a **payment gateway integration** for post-pay and pre-pay electricity bills, providing secure and convenient payment options.

- Reduced notification delays with a real-time **SMS and email notification system** using **Twilio API** and **Spring MVC**, ensuring timely communication for millions of users.
- Generated \$1M+ in additional revenue by enhancing digital payment systems and streamlining post-pay/pre-pay billing workflows for large-scale usage.
- Proven ability to set and achieve goals, consistently delivering high-quality results and meeting project objectives.
- Excellent multitasking skills, with the ability to handle multiple tasks simultaneously and prioritize effectively in a fast-paced environment.

NEWGEN TECHNOLOGY LTD. Dhaka, Bangladesh □ 03/2016 – 10/2020

Newgen Technology Ltd. is a boutique Software Solution provider helping to build custom tailored solutions for Private, Public and retail industries with the domain expertise in Readymade Garments ERP development and implementation, Hospital Management and Manufacturing industries.

<https://newgen-bd.com/>

Java Software Engineer

Garment's ERP, Microservice, REST APIs

- Implemented a barcode scanner through cutting, sewing, finishing, and packaging using Apache Ofbiz, improving tracking and efficiency, streamlining operations, and reducing errors, leading to the successful sale of the ERP system to other garment companies and generating additional 30% revenue.
- Designed and implemented microservices-based architecture using **Spring Boot, Spring Cloud Gateway, Eureka, Feign clients and RestTemplate, Hystrix, Ribbon** for various applications, ensuring scalability and modularity.
- Streamlined procurement workflows through the integration of commercial modules, enabling efficient vendor management, purchase order tracking, and contract handling.
- Worked on data import and export, procedures, and functions at the database level using **SQL and PL/SQL**, ensuring efficient data management increasing in data handling accuracy.
- Enhanced production tracking accuracy by 40% with barcode integration for cutting, sewing, finishing, and packaging stages using **Apache OfBiz**, reducing errors and delays.
- Architect scalable and modular service-oriented systems using **Spring Boot** and **Spring Cloud Gateway**, enabling seamless integration and reuse of services across education applications.
- Created a learning management system (LMS) using microservices architecture (**Spring boot and Angular, react.js**) that provided a centralized platform for teachers to upload resources, assign homework, and track student progress, enhancing the teaching and learning experience.
- Designed and generated a wide range of dynamic reports using **JasperSoft Reports** for ERP systems, providing actionable insights into financial performance, inventory management, and production workflows, enabling data-driven decision-making for stakeholders.
- Strong understanding of software development life-cycle and best practices, with a proactive approach to implementing strategies and ensuring timely project completion.

ACADEMIC PROJECTS

Maharishi International University (2024) Student Event Management System: Student arranges events and participates. They can survey. Utilized Java, Spring boot, Spring Aspect, Spring Security, JPA, Hibernate, MySQL, React, Git, Docker.

Maharishi International University (2024) Student Course Registration System: Students can register for courses, The teacher uploads teaching materials and takes student attendance. Utilized Java, Spring boot, Spring Aspect, Spring Security, JPA, Hibernate, MySQL, Git, Docker.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/20/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Advanced Software Development, Web Application Architecture, Algorithms

Master's in Computer Science and Engineering

Jahangirnagar University, Dhaka, Bangladesh (06/2019) Result – 3.09

B.Sc in Physics

National University, Dhaka, Bangladesh (2009) Result – Second Class

CERTIFICATIONS

AWS Certified Developer – Associate. Issued : September 2024

<https://www.credly.com/badges/f5307ebc-4734-4872-963d-e363e9ed478b>

Post Graduate Diploma in ICT on Android Application Development Issued :2016

ADDITIONAL INFORMATION

- Available for full-time employment
- Eligible to work in the United States without sponsorship