

RUPESH GAUDEL REGMI

SOFTWARE ENGINEER | JAVA | SPRING BOOT | MICROSERVICES

Dubai, UAE | +971-561235738 | rupeshgadelregmi@gmail.com | [LinkedIn](#) | [GitHub](#) | [GitLab](#)

PROFESSIONAL SUMMARY

Experienced **Software Engineer** with **4+ years of expertise** in building scalable **backend** systems using **Java**, **Spring Boot**, and **microservices**. Proficient in **database management**, **cloud integration (AWS)** and **containerization (Docker, Kubernetes)**. Familiar with **Agile/Scrum methodologies**, **emerging technologies** and effective **code review** practices. **Collaborative** and **results-driven**, based in **Dubai**, seeking opportunities to contribute to impactful projects.

EDUCATION

M.Sc. in Information System Engineering

- Pokhara University, GCES, Nepal
- 2022 – 2025 (Thesis in progress) | GPA: 3.8

B.E. in Computer Engineering

- Pokhara University, NEC, Nepal
- 2015 – 2019 | GPA: 3.0

PROFESSIONAL EXPERIENCE

Intermediate Java Developer | Xgile-IT, South Africa (Remote)

Oct 2022 – Dec 2023

- Developed **middleware applications** (MFS Africa Client Adopter and MFS Client) for **interoperability** with client systems and MFS Africa's platform.
- Built and managed **APIs** for **wallet and bank transfers** using **SOAP/XML** and **RESTful** protocols.
- Conducted end-to-end **testing** of API flows, achieving a **95%** success rate in client **acceptance tests**.
- Learned **AWS** best practices and integrated services into the **HRM project**, including **deployment**.
- Partnered with **cross-functional teams** to deliver projects on time, leveraging **Atlassian tools** (**Jira** for sprint tracking, **Confluence** for **technical documentation**, **Bitbucket** for **version control**) within **Agile/Scrum** workflows to ensure transparent collaboration across remote teams.

Java Developer | InfoDevelopers Pvt. Ltd.

Feb 2019 – Sep 2022

- Developed **Kanban dashboards** for a Smart MIS system, improving team task-tracking efficiency by **40%**.
- Implemented **microservices architecture** and developed APIs for incident management, enhancing seamless communication and reducing processing time by **80%**.
- Created user-friendly **dashboards**, **forms**, and **report tables** using **Angular**, enhancing usability and user experience.
- Collaborated** with **stakeholders**, including **Nepal Telecom** and **Nepal Police**, to implement incident tracking workflows.
- Optimized **payment processing** in a **gateway** system, integrated **core banking systems** and APIs, achieving a **96%** success rate in **transaction handling**.

TECHNICAL SKILLS

- Backend Development:** Java, Spring Boot, Microservices, REST APIs, RabbitMQ, MyBatis
- Databases:** PostgreSQL, MySQL, MongoDB, Redis
- Cloud and DevOps:** AWS, Docker, Kubernetes, Jenkins
- Testing:** JUnit, Mockito
- Frontend:** Angular, HTML, CSS, JavaScript, Thymeleaf
- Tools and Others:** Git, Jira, Postman, Maven, PostGIS, QGIS, Machine Learning

KEY PROJECTS

• MFS Africa Client Adopter | MFS Client

- Developed middleware applications to facilitate seamless integration of client systems with MFS Africa's financial ecosystem, including a client-specific solution to ensure interoperability for **financial transactions**.
- API mapping** and transformation for wallet and bank transfers.
- Comprehensive **error handling** and transaction **status tracking**.
- Validations** for mobile wallets, account numbers, and deposit limits.

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- **Smart Management Information System (Smart MIS)**

- Enhanced team efficiency by **40%** through Kanban dashboards and improved task tracking workflows.
- **Optimized** system performance, reducing dashboard **query** execution times by **70%**, ensuring faster loading.
- Implemented **PostgreSQL procedures** to improve data handling and query efficiency.

- **Computer-Aided Dispatch (CAD)**

- Built an incident management application with mobile integration, automating workflows and reducing processing time.
- Designed APIs and improved **UI components** using Angular, enhancing user experience.
- Collaborated with Nepal Telecom for **location tracking** via **cellular coverage** areas and with Nepal Police to **map operational workflows**.
- Integrated **FCM push notifications** to alert and dispatch units to incidents in real time.

- **mDabali Payment Gateway (PG)**

- Created a secure **payment gateway** integrated with core banking systems and **third-party APIs**.
- Implemented transaction reporting services, improving financial tracking and **decision-making**.
- Enabled seamless financial operations, processed over **50,000 secure transactions monthly** and streamlined workflows to enhance functionality for mobile and cooperative banking.

- **Human Resource Management Tool (HRM)**

- Developed a Human Resource Management tool to streamline organizational processes and improve workforce management.
 - Developed modules for employee onboarding and attendance tracking.
 - Integrated **AWS services (EC2, S3, SES, SNS, RDS)**.
 - Deployed using **Docker containers** and **orchestrated** with **Kubernetes** for scalability.
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CERTIFICATIONS & LANGUAGES

- **Certifications:** Advanced Java Course (Broadway Infosys)
 - **Languages:** English (Fluent), Hindi (Fluent), Nepali (Native)
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Note: Available to join immediately