

# M. M. Saleh

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Several, zero to consumer level software product development experience in **Company, NGO & startups** where deeply played different key roles as core **software engineer & architect, technical lead & engineering manager (Dev, QA, Infra)** and collaborate with product owner, business, marketing & different stakeholders in software development to add values for **Product, Company & Consumers** as **Team** and also as **individual** more than 12 plus years of career around the global arena. I would like to accept any honorable job as a career to any organization commensurate to my qualification and experience.

## Skill & EXPERTISE CLUE

**Java, Spring Boot, JSP Servlet, JAX-RS, REST**, Quarkus, Micronaut, Hibernate, Grails, NestJS, Go Echo, FastAPI, gRPC, WebSocket, SSE, Microservice, CQRS, Angular, DevOps, Docker, AWS, SOLID, SonarQube, OWASP, PostgreSQL, MySQL, Solr, Elasticsearch, Liquibase, MongoDB, **Spring AI, pgVector, RAG, MCP, Tools**, Ollama with LLM models and OpenAI API, Redis, RabbitMQ, Kafka, Unit & Int. Testing, Karate, Selenium e2e, Agile, SCRUM, Jira, Trello, Clickup, Nginx, Apache, Tomcat, Netty, Glassfish, AI tools Claude Code.

## PROFESSIONAL EXPERIENCE

### Principal Software Architect at Upskillable

08/2017 – Present

A great startup where I involve from its birth and playing multidimensional roles & responsibilities to develop some incredible software projects (**Recruitment Automation, Job posting, Assessment System, HR-Admin, Candidate Profile** & more), very closely worked with product owner, business strategy team finally leading software development from project initiation to a useable software product.

- Directly work with product owner, business team then analyze the product's priority features and roadmap goals.
- Architecting software systems from scratch also share and motivate team members to be agile and follow scrum.
- Lead team by pair coding, code review, enhance code quality and place myself to them as a servant leader.
- Adopt DevOps process using **S3, Git, Bitbucket, Slack, Code Build & Deploy, Jenkins, CI/CD, AWS, OracleCloud**).
- Mandatory test code writing culture applied and automate the UAT with selenium.
- Middle east & UK based client support & management.
- Adapt leadership philosophy "**Lead by setting example not by instructions only**".
- Establish bimonthly problem (company internal) solving day for software developers.

### Senior Software Engineer at Friendship

03/2014 – 07/2017

Some great responsibilities I accomplished here by architecting software applications introduced by organization which are deployed different countries around glob. Most of the application has **online offline data sync** feature as they collect **health /hospital/school** data from very limited internet accessible remote area using **android-app** and send to server **web-app**.

- Sit with system analyst, analyze product requirement, features and set roadmap.
- Start test code writing culture in team for better development ecosystem as number of projects increasing.
- Scale the process of dev, prod, deploy environment using **bash**, git, security-tools for smooth development.
- Prepare (UAT) testing strategy to solve bugs, urgent changes, but failed to convince the team for automated (UAT).
- Train team of 10-15 members on **Spring Boot, REST-api**, Grails, SCRUM, YII.

### Software Engineer at Progoti Systems Limited

02/2013 – 02/2014

It was an awesome journey to develop **FinTech** and mobile banking application (**SureCash**) at this startup. Core responsibility was leading a small android dev team and develop scalable robust **Java JAX-RS REST-api** using **Jersey** implementation and **USSD-api** using **Spring** and **Grails** framework which brings great values to business.

- Server-app & database scaling in terms of request load balance & query time.
- Setup dev, prod, deploy process & environment (Linux, git, web and database servers).
- Establish test code writing culture by convincing authority, they thought it's a time waste.
- R&D on opensource mobile banking platform and find enhancements scope and add custom features.

### Software Engineer at Japan Bangladesh IT (JaBaIT)

02/2012 – 01/2013

### Software Engineer at Evoknow BD Limited

01/2011 – 01/2012

## EDUCATION

**American International University-Bangladesh**, Bachelor of Science - Computer Science & Software Engineering.  
**MORE** – Hands-on **Scala, GO, Rust, Python, PHP, Android** and great interests in **AI Math & Algorithm, ML, DS, DI, IoT**