

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, REST APIs, JAX-RS, JSP Servlet, Quarkus, Micronaut, Hibernate, Grails, NestJS, Go Echo, gRPC, WebSocket, SSE, CQRS, Microservice, Angular, DevOps, Docker, AWS, OracleCloud, 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 businesss.

- 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**