Md Shahed Hossain

Software Engineer (Java, DevOps)

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This is **Śhāhēēd, DevOps, Integration Engineer & Java Developer**. **FinTech, InsurTech, HealthTech & MicroFinance** enriches my profession. Now a day, I actively work with **FinTech & InsurTech**. Due to professional excellence, I feel committed, patience, adaptive & humble as always. According to the development stack, I'm confident & fluent at back-end development **(Spring Boot » Quarkus » Kotlin » Spark » Swift » Iot » Qt)**.

In context of deployment, I love **Horizontally Scalable, Cloud Native Application**, on top of **Micro-service**, **API Gateway & Discovery Service**. Mostly I worked on **Micro-service** architecture as well fluent in **Monolithic Application**. As a **DevOps** my preference is **Terraform**, **Pulumi**, **Ansible**, **Docker & Kubernetes**. Regarding **CI/CD** pipeline I'm fluent in **Drone, GitHub, GitLab, Jenkins & Bitbucket**.

Achievements:

Project/Product	Architecture	Domain	Client/Company
Insurance Product: Travel, Motor, Wallet, Cash Hospital, Personal Accident & Camunda Workflow	Micro-service	InsurTech	**CB** (Combodia), **HGI** (Nepal), **GBSN** (Malaysia) & **Alfalah** (Pakistan)
Panorama & Mawareed Integration using **HL7 & SOAP**	Micro-service	HealthTech	Central Laboratory & Pharmacy **Ministry of Health, KSA**
Patient Affairs & AmbuCare **iOS App** developed from scratch using **SwiftUI**	Micro-service	HealthTech	**KSMC** (King Saud Medical Complex) **Ministry of Health, KSA**
IHE Certified **HIS** Partner using **HL7** **NA Connectathon 2019, Cleveland, USA**	Micro-service	HealthTech	Medisys **Riyadh, KSA**
IHE Certified **LAB** Partner using **HL7** **EU Connectathon 2016, Bochum, Germany**	Micro-service	HealthTech	Medisys **Riyadh, KSA**
PACS, LAB & FHIR using **HL7** **Medi-Span GPI, IBS & SBYS**	Micro-service	HealthTech	King Saud Medical City **Ministry of Health, KSA**
Multipurpose Cooperative Society Application	Monolithic	MicroFinance	Formative Soft Limited **Dhaka, Bangladesh**

Contributions:

Contribution	Domain & Session MM/YYYY→ MM/YYYY	Role & Company
Actively working with **Business Analyst & Clients** to rollout Insurance Products. **JSON Schema** driven validation Engine, Nashorn **ECMA 5** Advance Validation Script. Product Pricing Engine. **Policy Import Engine**, **Storage Provider**, **Notification Service Provider**, Bug fixing & Feature Development. **CI/CD** with **Drone Pipeline, Gitea, GitLab, Docker, Docker Compose, Kubernetes, Ansible & Terraform.**	**InsurTech & FinTech** 01/2021 → ∞	**Senior Software Engineer** Finology Sdn Bhd Kuala Lumpur, Malaysia
According to the **IHE HL7** Technical Framework I need to develop **PAM & PIX** profiles for **IT Infrastructure**. As a team lead I take the responsibility to write **Low Level Program** to support my team to write **High Level Program**. We get 2nd success on **NA Connectathon 2019**. After that I've to work hard to prepare Integration & Conformance statements for **HL7 Integration Project** proposal and official tender. **Rufaida** planned to develop **iOS App**. Preferred me to start iOS Development from scratch. Only 5 days of **iOS Development Fundamental** training and my hard labor make it possible to delivery 2 iOS Apps (**Patient Affairs, Ambucare**)	**HealthTech** 03/2018 → 12/2020	**Senior Programmer (Team Lead)** Rufaida Medical System Sdn Bhd Kuala Lumpur, Malaysia
According to the **IHE HL7** Technical Framework I need to Analysis different scope of **Domains, Profiles, Actors & Transactions**. Determines the dependent Actors, Transactions & HL7 Message Standards for each profile. As a **IHE HL7 Team Lead** I have to faces lots of challenges, those were very **Lower Level Programing**. Finally, I able to overcome those difficulties after 2 years of hard works. We get 1st success on **EU Connectathon 2016**. Apart of this I've to work hard to lead some integration work for **BSMMU, KSMC & MoH KSA.**	**HealthTech** 08/2014 → 03/2018	**Senior Programmer (Team Lead)** Medisys (Medical System) Co. Ltd Dhaka, Bangladesh

Contribution	Domain & Session MM/YYYY→ MM/YYYY	Role & Company
Feature development for **MCC (Military Child Care**) using **jQuery, Struts2** & **iBatis**. Upgrading **KaiTair Hospitality System** using Angular 2, Bootstrap, Spring MVC & JPA	**CareTech & TravelTech** 03/2014 → 07/2014	**Software Engineer** Genweb2, Dhaka, Bangladesh
Requirement Analysis, Design & Development from scratch using Richfaces, Seam, iReport & Hibernate for a Multipurpose co-operative society.	**MicroFinance** 06/2011 → 02/2014	**Software Engineer (Team Lead)** Formative Soft Ltd Dhaka, Bangladesh
PACS & LAB Integration & Implementation using **RXTXApi**	**HealthTech** 03/2008 → 05/2011	**Programmer (Team Lead)** Medisys (Medical System) Co. Ltd Dhaka, Bangladesh

Certifications:

Certification	Institute	Location	Start DD/MM/YYYY	End DD/MM/YYYY
AWS (Beginner to Advance)	**Tecognize**	Dhaka, Bangladesh	11/03/2021	23/06/2021
Node JS	**Tecognize**	Dhaka, Bangladesh	03/01/2021	22/03/2021
iOS Certified Associate	**iTrain**	Kuala Lumpur, Malaysia	08/04/2019	12/04/2019
HL7 Fundamental	**IHE HL7**	http://hl7fundamentals.org/campus/	14/08/2014	24/12/2014
Mobile Apps Development	**MoICT, NSU**	Dhaka, Bangladesh	11/01/2013	15/01/2013
Oracle 10g DBA (OCP)	**IBCS Primax**	Dhaka, Bangladesh	10/03/2012	19/10/2012
CCNP (Switching)	**New Horizons**	Dhaka, Bangladesh	08/03/2011	28/04/2011
CCNA	**New Horizons**	Dhaka, Bangladesh	02/11/2010	30/01/2011
RHCA, RHCE (RHEL5)	**IT Bangla Ltd**	Dhaka, Bangladesh	23/06/2010	26/11/2010
SCJP (Sun Certified Java Programmer)	**IDB-BISEW**	Dhaka, Bangladesh	24/09/2006	27/11/2007
Diploma in IAD	**IDB-BISEW**	Dhaka, Bangladesh	24/09/2006	27/11/2007

Academic Certifications:

Exam	Technology	Institute	Result	Year	Duration	Achievement
Diploma in Engineering	Chemical	Dhaka Polytechnic Institute	CGPA **3.63**/4	2005	4 years	First
SSC	Science	K.K Gov. Institute, Munshiganj	GPA **4.00**/5	2001	2 years	--

Specializations

Fields of Specialization	Description
▪ **JavaEE, Spring, Camel** ▪ **ExtJS, MVVM, ES5, ES6** ▪ **HTML, XML, SCSS, LESS** ▪ **GraphQL, REST, SOAP** ▪ **MacOS, Fedora, Debian** ▪ **Oracle DB, MySQL, PgSQL**	More than an era of professional career enriched by 12 years of solid working experience in **Java EE**, where I've to learn and developed by Spring Boot, Spring MVC, Spring Security, Apache Camel, ExtJS, Struts2, Adobe Flex, BlazeDS, JSF, Seam, iBatis, MyBatis, Hibernate, JPA, JTA, AMQP, MQTT, MySql, Oracle, GraphQL, Jasper Report, FlywayDB, Liquibase, Tomcat, Wildfly, Weblogic and Grails. **SCJP** achieve by me on November 26, 2007, completed **RHCE** (Red Hat Certified Engineering) November 26, 2010, Professional Certification Completed on **CCNA, CCNP** Switching, **Oracle 10g DBA** (OCP**).**

MD SHAHED HOSSAIN
Software Engineer
Finology Sdn Bhd

Dated: October 10, 2024