

# ASIF MOMIN

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## ABOUT

Technology Leader. Impact through technology.

Co-founded two startups. Hands-on technology leader with business focus having over 20 years experience. Experienced in architecting and building products from scratch and working with products at various stages. I have extensive experience of agile xp based practises like pair programming, TDD, CI and CD.

## PROFESSIONAL EXPERIENCE

**May 2015 –  
Till Date**

### **Co-Founder at Magogenie**

Incepted, Architected and Built Mastery-Based Assessment platform for Maths. Architected and Build a adaptive assessment engine using Ruby on rails, Postgres and React native for mobile apps. Worked on offline first and client side evaluation for assessment both on mobile/web side so that it can be worked in remote part of india with unreliable network.

**Dec 2015 –  
Till Date**

### **Technology Consulting at Springer Nature**

Incepted, Architected, and built Platform and product to onboard production processes of different products to achieve customer scalability, reduce customer onboarding time from 2 weeks to 1 hour.

Key Technologies used: Scala, Play Framework, Kafka as event streaming platform, Kafka Stream, Kafka connect to integrate with Legacy system, Mongoddb as rules engine and Postgres. Prometheus/Grafana for monitoring and alerting. ELK for auditing. React for UI. Ansible for Kafka deployment

### **Key accomplishments:**

- Reduce new customer onboarding time from 2 weeks to 1 hour.
- Architected and built Event driven microservices with data outside in and domain centric design.

- Data pipeline to do realtime and batch processing;
- Built Workflow engine to be outside the system and managed by business.
- Built Configurable rules engine, UI Generation using domain model, Workflow outside the code to be managed by the business using BPMN;
- Production deployment of Kafka using ansible

**Dec 2013 –  
Apr 2015**

### **Co-Founder at TalentOjo ([www.talentojo.com](http://www.talentojo.com))**

Built a recruitment shortlisting engine with full ATS functionality. Key Technologies: MySQL, Ruby on rails, Neo4j for recommendation engine.

**Jun 2013 –  
Dec 2013**

### **CTO at Entrib Technologies**

Built Mobile backend as a service framework to support IOT Devices. Technologies Used. Java/Ruby on Rails/Sencha for Mobile.

**Apr 2009 –  
June 2013**

### **Lead Consultant at Thoughtworks**

#### **New Platform for UK based social gaming company**

Ruby/Rails, RESTful Microservice architecture, Resque, Puppet, Single click continious integration and deployment.

#### **Lead the team to built New International Platform for US based health insurance company**

Play Framework with Java, Angular JS, RESTful services, single page app ,Chef

#### **Datawinners/Mangrove**

Lead the team to incept, architect and build datawinners. Mangrove : OpenSource framework for building mobile data collection system  
Datawinners: Cloudbased app build on Mangrove Python, Django, Couch-db,PostresSQL, RabbitMQ,Nginx,Chef, Jenkins, JMeter Skills

#### **Client: Leading Train Ticket Booking Agency in the UK**

Corporate portal and callcentre application. C# .Net, ASP.Net mvc, WCF, Documented oriented services

**Mar 2001 –  
Mar 2009**

### **Senior Technical Architect/ Technical Manager at Wipro Technologies**

- Manage/Built the product portfolio of the multiple telcom based apps for SMB market Unified Communication, IVR, C++, VC++
- Worked on enhancement of Segmentation & Reassembly feature of WTP stack. WTP is a transport level protocol on WAP stack.
- HTTP Server on Mobile handset for PUSH technology
- Worked on Development of SCTP Stack

**Jan 1998 –  
Mar 2001**

### **System engineer at Advance Technology Group, Tata Infotech**

- Worked on developing Embedded system browser
- Worked as a developed on creating DVD Authoring System

## SKILLS

- Ruby, Scala, Python, C# , C/C++
- ES6, React and ReactNative
- PostgreSQL, MongoDB, CouchDB
- Kafka, Kafka Connect, Kafka Stream
- ELK, Prometheus/Kibana, Sentry
- Docker, Ansible

## OPEN SOURCE CONTRIBUTION

- <https://github.com/asifmom/mangrove>
- <https://github.com/asifmom/RapidFTR>
- <https://github.com/anandagrawal84/stampable>

## EDUCATION

- B.E. (Electronics) from Walchand College of Engg, Sangli (July 1997)
- Postgraduate Diploma in Advance Computing from CDAC (1998)