

# Ikrum Hossain

Software Engineer | Backend Enthusiast | DevOps Hobbyist | Agile | Team Lead



## Work Experiences

Present  
|  
June, 2016

### Senior Software Engineer

Telenor Health

Dhaka, Bangladesh

Leading an agile team where I am responsible for designing and developing scalable micro-services, team collaboration, exploring new ideas and technologies.

#### Projects

- **TONIC CORE** | NodeJS, Redis, PostgreSQL, Docker, Elasticsearch, Fluentd, Kibana  
Designed and developed largest backend system of Telenor Health which plays the role of business hub of all microservices in Tonic ecosystem
- **TONIC PAYMENT** | PHP, Lumen, Redis, PostgreSQL, JobQueue, Prometheus, Docker, EFK  
Implemented direct operator billing, Scratch card, Mobile wallet and third party payment system
- **ACTIVITY MANAGER** | GoLang, PostgreSQL  
An analytic tool for telenor health which tracks variety of business metrics to generate invaluable insight from it.

Present  
|  
May, 2016

### Founder

potaka.io

Dhaka, Bangladesh

Created a transpiler, A brand new sentence based programming language for kids that discloses a native Bengali sentence into programming logics.

April, 2016  
|  
Mar, 2014

### Software Engineer

Rupam IT Limited

Dhaka, Bangladesh

As a Full-Stack developer, I formulated and implemented plans for the development of both frontend and backend as well as developed a real-time native android application.

#### Projects

- **AKIRAKU** | MongoDB, ExpressJS, AngularJS, NodeJS  
Akiraku is an umbrella of applications which are created to enhance K-12 teaching and learning. Among many of micservices I've developed 3 major services in MEAN stack.

## Skills

### Technical Skill

- Node.js, PHP, Go, Java, Python, Laravel, AngularJS, React, Express
- Microservices, REST, SOAP, RPC
- Agile, Scrum, Kanban
- PostgreSQL, MySQL, SQLite, MongoDB, Redis
- Mocha, Chai, PHPUnit, TDD, BDD, ATDD
- HTML5, CSS3, JavaScript, XML, JSON, WebRTC, Socket.io
- Amazon AWS(EC2, S3, RDS), Google APIs, Payment Gateway
- Git, Jira, Confluence, Trello
- Elasticsearch, Fluentd, Kibana, Prometheus
- DevOps (Apache, Nginx, Docker, Jenkins, Ansible, Proxy, LoadBalancing, Consul)

### Specialist In

- Javascript, Node.JS, PostgreSQL, PHP
- Microservices, REST
- Backend Infrastructure And Automation

## Education

2019  
|  
2018

### M.Sc in Computer Science and Engineering

Jahangir Nagar University

Dhaka, Bangladesh

2016  
|  
2012

### B.Sc in Software Engineering

Daffodil International University

Dhaka, Bangladesh

## Awards

2015  
|  
2013  
|  
2013  
|  
2012

- 1st Runner-up at Dhakathon
- Winner of National Hackathon
- 1st Runner-up at MBSTU Programming Contest
- Winner at DIU Programming Olympiad

## About Me

- Polyglot Programmer
- Scrum and agile enthusiast and practitioner
- Team player, experienced with managing team
- Opensource evangelist and contributor
- Technology blogger
- A learner and explorer

## Certifications

- Certified ScrumMaster®
- Certified Scrum Developer®

## Language

- English
- Bangla

## Contact Info

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## Personal Info

- Nationality: Bangladeshi
- Marital Status: Married