

# Hammad M

## Senior Full-stack (Ruby on Rails, React/Vue) Software Engineer

### SUMMARY

- Senior Software Engineer/Team Lead (6 years of experience) - Software engineer ready for any team or business need with strong IT knowledge and natural leadership talents. - Dedicated to enabling team members to exceed business targets. - Initiating projects, setting up baseline architectures, finalizing deployment procedures & end to end development including managing costs, schedule, and performance. - Managing multiple teams to lead them to outperform others and to give positive outcomes in terms of successful milestones deliveries and project completion. - Achieved project deadlines by coordinating with contractors to manage performance. - Monitored automated build and continuous software integration process to drive build/release failure resolution. - Wrote code and developed tools and integrations to meet cross-platform user needs. - Wrote and maintained custom scripts to increase system efficiency and performance time

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Ruby, Ruby on Rails (6 yr.), React (2 yr.)
<b>Programming Languages</b>	C#, Ruby
<b>Ruby Libraries and Tools</b>	ActiveRecord, Apartment (Ruby), Capybara, Sidekiq, turbolinks
<b>JavaScript Libraries and Tools</b>	Puppeteer
<b>JavaScript Frameworks</b>	React (2 yr.), Vue.js (3 yr.)
<b>Ruby Frameworks</b>	Ruby on Rails (6 yr.)
<b>.NET Platform</b>	WPF
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, MySQL (4 yr.), PostgreSQL (5 yr.), Redis
<b>Cloud Platforms, Services &amp; Computing</b>	AWS (5 yr.), DigitalOcean, Heroku
<b>Amazon Web Services</b>	AWS API, AWS Cognito, AWS EBS, AWS EC2, AWS ElasticSearch, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS S3, AWS SES (Amazon Simple Email Service)
<b>SDK / API and Integrations</b>	AWS API, OAuth

<b>QA, Test Automation, Security</b>	Capybara, Cucumber, Cypress, PhantomJS, Puppeteer, RSpec, Selenium Webdriver, SSO
<b>Deployment, CI/CD &amp; Administration</b>	CircleCI
<b>Mail / Network Protocols / Data transfer</b>	Firewalls
<b>Version Control</b>	GitHub, Github Actions
<b>Web/App Servers, Middleware</b>	Nginx, Puma (Ruby/Rack Web Server), Unicorn web server
<b>Scripting and Command Line Interfaces</b>	Shell Scripts
<b>Other Technical Skills</b>	Webpacker

## PROJECTS

### Gogen

IT Service and Asset Management platform

**Roles:** setting up infrastructure, building new complex features, working on 3rd party integrations, PR reviews, handling deployments.

**Languages:** ROR, VueJS, C# WPF for desktop apps, Swift for Mac apps and Postgresql hosted on AWS RDS

**Deployments:** AWS elasticbeanstalk, EC2 and Digital Ocean.

**Others:** Sidekiq, AWS Cognito user pool and SSO, 3rd party integrations, realtime notifications and more.

### NxtBroker

Insurance agency monitoring and employee monitoring software for brokers and companies

**Roles:** upgrading rails version, implementing apartment(multi schema based db structure), handling new feature requests and reviewing junior's code.

**Languages:** ROR, JQuery, Turbolinks and Postgresql

**Deployments:** Heroku and AWS elasticbeanstalk

**Others:** Elasticsearch Logstash Kibana(ELK) for log management, schema based multi-tenancy.

### PatientIQ

US based HIPPA compliant medical app to help hospitals and doctors in patient engagements, appointments and real time reporting

**Roles:** Optimising database to handle large scale of data load, optimising page loads, implementing cache services, adding new features for patient engagements.

**Language:** ROR, React, Postgresql, Redis, Sidekiq

**Deployments:** HIPPA compliant servers.

## **Weguide**

Aus based patient engagement app

**Roles:** Senior software engineer, helping team to achieve deadlines, infrastructure decisions, creating requirements from CTO and then scoping requirements for team.

**Language:** ROR, Ionic, PWA, Postgresql, Redis, Sidekiq

**Deployments:** Heroku

## **EDUCATION**

### **Bachelor of Science in Software Engineering (BSSE)**

COMSATS Institute of Information Technology.

2012 to 2016