

# Usama Saddiq

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## WORK EXPERIENCE

### Senior Software Engineer | Seek

Feb 2023 - Present

Working in the candidate experience team at Jora(subsidiary of Seek) consisting of an engineering manager, product manager, UX person and 8 developers. We look after the customer facing side of jora.com which involves application code, databases, frontend, infrastructure and search engine optimisation. We use the following technologies:

- Ruby on Rails
- Slim(used in conjunction with Ruby on Rails for frontend)
- Typescript
- AWS
- Postgres
- Buildkite
- Datadog

### Senior Software Engineer | Immutable

Sept 2022 - Dec 2022

Worked as part of a cross functional squad of 8 developers and an engineering manager. Helped the team support multiple L2 (layer 2 blockchain) rollups, helped decompose Immutable's main monolith into squad focused microservices and helped with critical bugs in production. Utilised the following technologies at Immutable:

- Golang
- Postgres
- StarkEx as a layer 2 rollup service
- Typescript
- Serverless
- Newrelic
- AWS

### Cofounder | Bree

May 2022 - Sept 2022

Founded plus led the technical and product strategy of Bree. In addition, architected and built Bree's technical capability which involved building an API backend for clients, authentication layer, infrastructure, CI/CD capabilities, payment integrations and two React Native apps. One for Bree's merchants and one for Bree's customers. We managed to launch two apps in 4 months, performed beta testing to gather user feedback and processed real orders for initial customers. We used the following tech:

- Ruby on Rails
- Postgres
- React Native with expo
- Typescript
- Render(Infrastructure)
- Stripe for payments

**Senior Software Engineer | Emmi****June 2022 - Aug 2022**

Helped reshape Emmi's portfolio/company analysis product which utilised carbon emission and financial data to make predictions about financial risks in investor portfolios. During this process I introduced various improvements to Emmi's backend systems such as introducing TDD practices and Rspec expectations, helped shape Emmi's product delivery practices, introduced and upskilled other team members on frontend testing practices using the Vue testing library and helped with ad hoc infrastructure tasks. Utilised the following technologies at Emmi:

- Ruby on Rails
- Vue.js, Vuex
- Jest, Vue testing library
- PostgreSQL
- Newrelic
- AWS
- Netlify

**Software Engineer | Envato****May 2019 - June 2022**

Worked in a cross functional squad of 6 developers and an engineering manager. Helped deliver several key company initiatives such as building a new media ingestion pipeline, replacing a custom FTP server with an AWS managed FTP service and building a self served bulk metadata ingestion service for digital assets. Utilised the following technologies at Envato:

- Ruby (Ruby on Rails, Hanami, Webmachine)
- PostgreSQL, MySQL
- React, Redux
- Testing frameworks (RSpec, Jest, Enzyme, Storybook)
- AWS (Cloudformation, ECS, RDS, Cloudflare, S3, Lambda, API Gateway)
- DevOps (Buildkite, Convex, Samson, Stackmaster, Docker, Foreman, SparkleFormation, Docker)
- Logging, Monitoring and Metrics (SumoLogic, Rollbar, DataDog, NewRelic)
- Git
- Shell scripting

**Full Stack Developer | InfoCentric****Feb 2018 - May 2019**

Worked as consultant full stack developer, and revamped one of InfoCentric's key client web/ios applications. The web app utilised a microservice architecture to integrate with third party vendors to report users health and fitness activities. My role was diverse including client interaction to gather requirements for new features/ideas, bug fixes, conducting end-to-end testing, unit testing, version control, general application improvements, CI/CD and IAAC. Along with the web application, I was also supporting an iOS application for the web app which included deployments to the app store, version control, feature development and bug fixes. Utilised the following technologies at InfoCentric:

- React
- Ruby on Rails

- AWS (ECS, RDS, Cloudformation, Route53, Cloudfront, Lambda, API Gateway)
- PostgreSQL, DynamoDb
- Docker, GitLab CI/CD, ECS
- Git
- Swift
- Shell scripting

### **Software Developer | Curio**

**Dec 2017 – Jan 2018**

My role with Curio was to complete a near to end product which needed an extra pair of hands for a short amount of time. After starting within one week I was able to understand the whole stack which included a complex angular 1.7x front-end and a somewhat complex symfony backend. I was assigned minor bug fixes and improvements on a day-to-day basis. After completing the tasks I was asked to help with jira service desk ticket management to reduce workload for the service desk staff. Curio prepared me really well to undertake a more complex role which required more ownership and authority.

- Docker (Containerisation)
- Angular.js 1.7x (Frontend)
- Mysql (Store)
- Jira (Service Desk)
- Aws (Infrastructure)
- Symfony (Backend and API)
- Shell Scripting

### **Intern Developer | RoomRanger**

**July 2017 – Nov 2017**

RoomRanger provided me the opportunity to experience product development from scratch. RoomRanger provides users with a complete hotel management software to run a profitable hotel with happy clients. I was assigned to the workflows team which is a survey system developed using survey.js, a third party library. Workflows allows customers to fill-in surveys using an integrated interface with RoomRangers main interface. I was an integral part of the team which developed, unit tested and system tested core application features including integration with RoomRangers current system. This helped me understand how modern remote software development teams come together and work as a team to accomplish goals. The tech stack worked in was:

- Laravel
- MySQL
- Vue.js, Vuex
- Vagrant (Containerisation)
- Git (Version Control)
- Basecamp (Task management)

## **EDUCATION & QUALIFICATIONS**

Bachelor of Computer Science (Major in Software Development)

Swinburne University of Technology

**2015 - 2018**

## **GITHUB**

Please visit the following github link for a range of diverse projects I have worked in including university and personal projects.

<https://github.com/usamaSaddiq>

## **REFERENCES**

Can be provided upon request.