

Hosein Emrani

Full-Stack Software Engineer

Dublin, Ireland

github.com/hoseinemrani

linkedin.com/in/hoseinemrani

hosein.emrani@gmail.com

Experience

Nitro / Full-Stack Software Engineer

May 2021 - Present / Dublin, Ireland

Designing and implementing micro services and event-driven systems as part of downsizing the document processing monolith.

Lead the payment gateway project, maintaining the communication between internal sales, marketing, and security team, as well as third parties such as Stripe and Avatax to be fully PCI compliant, and make the integration work seamlessly with the internal subscription management flow.

Implementing monitoring integration to microservices, AWS Lambda functions, and front-end applications. Setup dashboards for reporting, analytics and alertings.

Tech Stack: Scala, Go, Node.js, Angular, AWS, Kubernetes

Aylien / Software Engineer

November 2019 - April 2021 / Dublin, Ireland

Implemented a new scalable pipeline in place of a multitude of legacy systems to reduce the infrastructure, engineering and maintenance costs significantly.

Designed and implemented a JSON syntax for advanced search in millions of news articles.

Making indexing/reindexing scenarios and pipelines to process 1.5M news articles per day.

Creating canary deployment pipelines for testing services individually and combined together on a canary pipeline.

Developing various unit and integration test scenarios and improving production readiness of new micro-services during the migration from legacy system to new scalable content processing pipeline.

Platform and infrastructure maintenance.

Communication between different stakeholders during the migration process, product improvements and feature additions.

Tech Stack: Scala, Go, Python, Akka, GCP, BigTable, Elasticsearch, PubSub, BigQuery, Istio, Kubernetes, Jenkins, Terraform

Aylien / Front-End Engineer

November 2016 - November 2019 / Dublin, Ireland

Designing and implementing the company's marketing website, as well as developer portals, docs and marketing campaigns.

Making various React apps to demonstrate API for sales and marketing teams.

Lead the technical design and implementation of the Aylien's risk analytics web application using React, Next Js, etc.

Tech Stack: React, Next Js, Redux, Nodejs, etc.

LightFi / Lead Front-End Engineer (Contractor)

February 2020 - March 2020 / London

Lead development of the LightFi web application to manage smart devices and thermostats for the early stage startup.

Fidilio / Front-End Engineer

January 2016 - July 2016 / Tehran

Redesigned and fully implemented the website hosting 1000s of daily active users for one of the biggest restaurant information hubs of the 8M populated capital city, Tehran.

Education

K.N.Toosi University of Technology / BSc of Software Engineering

September 2013 - December 2017 / Tehran, Iran

Skills

Scala Go AWS Python Akka GCP BigTable Elasticsearch PubSub BigQuery Istio Kubernetes CI/CD
Jenkins Github Actions Terraform React Next Js Redux Node.js Angular