

Hosein Emrani

Full-Stack Software Engineer

Dublin, Ireland

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Skills

Scala, Go, Python, AWS, GCP, Elasticsearch, Kubernetes, CI/CD, Amazon SQS, Kafka, Terraform, JavaScript (TypeScript, Node.js, React, Angular)

Experiences

Nitro / Full-Stack Software Engineer

May 2021 - Present / Dublin, Ireland

Designing event-driven systems and implementing new microservices for strangling the document processing monolith, enhancing the system security and responsiveness.

Lead designing and implementing new services to advance authorization and manage document access and p sharing.

Maintaining cross team communication to design and implement a greenfield document processing platform.

Lead the payment project, designing and developing a payment flow by integrating internal customer subscription service with the third parties such as Stripe and Avalara Tax, maintaining communication between sales, product, and security teams to be fully PCI compliant.

Adding monitoring and alerting integrations to microservices, AWS Lambda functions, and web applications.

Tech Stack: Scala, Go, Node.js, Angular, AWS, Kubernetes, Datadog, Akka HTTP, gRPC, Amazon SQS, DynamoDb, Argo CD, Kafka

Aylien / Full-Stack Software Engineer

November 2016 - 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 the new scalable content processing pipeline.

Platform and infrastructure maintenance.

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

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 Aylien's risk analytics web app using React, Next Js, etc.

Tech Stack: Scala, Go, Python, Akka, GCP, BigTable, Elasticsearch, PubSub, BigQuery, Istio, Kubernetes, Jenkins, Terraform, HTML5, SCSS, JavaScript, React, Next Js, Redux, Nodejs, etc.

Karina Mobile Solutions / Front-end Engineer (Part-time Contractor)

Aug 2016 - December 2016 / Tehran

Fidilio / Front-end Engineer

January 2014 - July 2016 / Tehran

Education

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

September 2013 - December 2017 / Tehran