ERAY ARSLAN
Engineering Tech Lead
relfishere@gmail.com
Istanbul/TURKEY
+90 537 738 14 34
Oct. 04 1993

SUMMARY

Passionate software craftsman since childhood and servant leader to motivate development team. Dropped out of college so still student who is open to studying new things. Excellent to read code, so likes to contribute to open source projects. Also might not remember the complexity of the sort algorithms, but so good in searching for it.

EXPERIENCES

Trendyol *Tech Lead*   Jun 2022 - Present

Hepsiburada

– **Influencer Tech** *Tech Lead*   July 2021 - Jun 2022

– In-house Data Lake integration pipelines with Apache Hive, BigQuery, Apache Hadoop, Apache Spark and Apache Airflow.

Key achievement Near Real-time Influencer performance monitoring and monetizing with analyzing user events.

– **Search & Navigation Data** *Team Lead*   Dec 2020 - Jun 2022

– Engineered ETL pipelines with Apache Spark, MongoDB, Scala, Python, Elasticsearch, Neo4j, BigQuery, Apache Hive.

– Built high-performance microservices with Go/Java.

– Utilized Apache Spark for efficient scaling on top of Kubernetes (incl. Apache Flink, Apache Druid, Apache Airflow).

– Crafted Stream processes with Apache Kafka, Apache Flink, Apache Druid, Redis, Elasticsearch, Scala, Java.

– Maintaining in house A/B test tool

– Scaling and refactoring machine learning models with Tensorflow, Keras, PyTorch, Tensorflow Serving, gRPC, Python, Go, HDFS

Key achievement Real-time new product boosting with feeding user events which is increased CTR and solved invisible products problem on e-commerce domain.

– **Search & Navigation** *Senior Software Specialist*   Dec 2018 - Dec 2020

– Development of Search & Navigation API with .NET Core, Redis.

– Specialized on full text search and faceting with Elasticsearch.

– Contributing of in-house micro frontend framework with Node.js, React.

– Contributing of Search & Navigation back office application with Node.js, AngularJS, Sass.

Key achievement Contributing Elasticsearch which is solved our complex sorting business cases.

- **Storefront** *Software Specialist* July 2016 - Dec 2018
  - Development of Hepsiburada with Knockout.js, TypeScript.
  - Contributing of Hepsiburada CMS with AngularJS.
  - Contributing of in-house user event tracker for Browsers with JavaScript.

    Key achievement Transforming legacy Hepsiburada to single-page architecture.

Markakod
- **Advertising Agency** *Software Developer* July 2015 - July 2016
  - Development of scalable multiplayer game servers with Node.js, WebSocket, MongoDB.
  - Built web-services with Node.js.
  - Contributing of back office applications with Node.js, Backbone.js.

    Key achievement Specialized on TCP/IP and game servers and delivered mmorpg game which is 10K active user.

Toyota
- **Information System** *Software Developer* Sep 2013 - July 2015
  - Built web-services with Java, Node.js, Spring, Hibernate, JSP, Oracle, SQL Server, MySQL.
  - Contributing of back office applications with Java, Wicket.

    Key achievement Development of critical applications running in car production line.
- **Information System** *Intern* July 2013 - Sep 2013
  - Development of Cisco Network Assistant inspired project to control, manager and report Network Switches in factory.

    Key achievement Working as a team with the kanban methodology.

EDUCATION	*Sakarya University Computer Engineering*	2011 - 2015, Dropout
	Bilecik Science High School	2007 - 2011

OTHERS
- **Modern Web Applications and Performance**
  https://www.youtube.com/watch?v=iigQkwtQDTo
- **Real Time Product Stream at Hepsiburada**
  https://youtu.be/7ND7zsEboiQ?t=1280
- **Setup Elasticsearch 7.x Cluster on IoT Devices**
  https://link.medium.com/pQA5O1dgB0
- **How to develop an Elasticsearch feature?**
  https://link.medium.com/O5njtjFhyU

- https://github.com/erayarslan
- https://medium.com/@erayarslan
- https://linkedin.com/in/erayarslan