Mehmet Ali Savas

mehmetali.svs@gmail.com

github.com/mehmetalisavas

Amsterdam, Netherlands +31 6 18 329403

Manisa, Turkey +90 (505) 660-3838

Experience

Senior Software Engineer at Beat (Netherlands/Amsterdam Area)   *April 2020- Present*

- Worked as **Software Engineer in Fraud, Identity and Safety Domain**.
- Migrating PHP monolith to microservices written in Golang (>=70% test coverage).
- Leading projects that include other domains and external companies that require communications.
- Implementing new features that includes defining & investigation, architecture proposals and implementation.
- Presentation of delivered tasks to the Domains and Stakeholders & answering their questions.
- Writing system/API tests using Groovy.
- Interviews with candidates in the stages of Tech Screen, Home Coding Assignment, Architectural Design.
- Standard processes like code reviews, bug fixes, firefighting(in case of failures/incident), mentoring on projects.
- Using stacks; Go, Kubernetes, Kafka, Docker, MySQL, AeroSpike, gRPC, AWS, PHP, Kibana, Prometheus, Jira…

Senior Software Engineer at HotelSpecials (Netherlands/Amsterdam Area)   *January 2018 - April 2020*

- Worked as **Go Developer, Backend and Software Engineer**.
- Platform migration - existing php platform is re-written in Golang.
- Creating and maintaining microservice architecture using gRPC
- Implementing features for ElasticSearch which holds 130 million documents
- Increased performance related to ElasticSearch and MySql
- Refactoring code logic to increase golang performance based on benchmarks & big(O) notation
- Designed/written Restful architectural/extensible service with test cases as idiomatic go
- Pull request reviews & mentoring junior developers

Software Engineer at Koding.com (San Francisco/Remote)   *February 2015 - December 2017*

- Worked as **Go Developer, Backend and Systems Engineer**.
- Maintained and improved Koding's microservice architecture, like real-time messaging and notification services.
- Implemented Webhook services triggered by third party services (like Slack, Github, Pivotal, and more).
- Integrated external APIs and services into Koding's toolset. (monitoring, metrics, logging)
- Developed external REST API for communication to Koding's services.
- Implemented daily/monthly mailings that includes user key user and business events & metrics.
- Decreased Mongo storage size by optimizing collections and index usages.
- Implemented encrypted data storage service for secret management on Amazon S3 using KMS.
- Maintained many third-party packages that are written in Golang.
- Created caching system with MongoDB, similar to Redis functionality. (reasoning was to remove Redis from stack)
- Created terraform plugin for Github.
- Created load generator/balancer tests for distributed systems like Kafka & Zookeeper.
- Improved code quality by adding linting functionality and go test coverage checks to CI steps.

Intern at Koding.com (San Francisco/Remote)   *June 2014 - September 2014*

- Worked as Backend Go Developer.
- Increased test coverage to 85% from 20% by writing critical path tests.
- Wrote end-to-end integration tests.
- Contributed new features with testable code.

Intern at n11.com, E-commerce Site of Turkey (Istanbul, Turkey)   *June 2012 - September 2012*
- Worked as Intern Software Engineer.
- Marked up PSD to HTML with Responsive design
- Used HTML, HTML5, CSS, JavaScript within cross-browser
- Switched all CSS files to the Sass
- Improved my Git usage and knowledge

Education

M.Sc. Software & Mechatronics Engineering. (Ege University, Izmir, Turkey)   *September 2016 - Non-graduated*

B.Sc. Computer Engineering. (Anadolu University, Eskisehir, Turkey)   *September 2010 - June 2015*
Thesis: "Social entertainment game while creating & sharing city sightseeing routes based Geo-location"

Technologies

Languages	Go, Coffeescript,NodeJS, SQL, Javascript, HTML, CSS
Tools	Kubenetes, ElasticSearch, AlgoliaSearch, Kibana, Terraform, Jenkins, TravisCI, WerckerCI, Jira, Git, Go coverage tools, Docker, Various Analytic tools, OpsGenie
Databases	PostgreSQL, MySQL, Redis, MongoDB, AeroSpike, Memcached, Zookeeper,
Messaging Systems	SQS, RabbitMQ, Kafka, PubNub, GRPC
Cloud Providers	AWS (Elasticache, S3, ECS, SNS etc..)
Interests	DS & Algorithms, Distributed Systems, Databases, Automations, Implementations, Messaging