

ZEYNEP KARA

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WORK EXPERIENCE

June 2021 – Present

Promon AS, Oslo

Senior Software Developer– Full-Time

Promon SHIELD provides Self-Protection abilities to Android, IOS mobile apps, and Desktop applications. Insight is used for Data collection.

List of frameworks, languages, and technology used in Insight;

- Golang, Python, JAVA, Docker, Kubernetes, PostgreSQL, GitLab, Grafana, Helm, Skaffold, Google Cloud Platform

February 2020 – April 2021

IX3 AS, Oslo

JAVA Backend Developer– Full-Time

Tag Register Interface Module is a web-based information management portal. It is used for the transfer of structured supplier data between suppliers and Aker Solutions projects.

List of frameworks, languages and technology used in TRIM;

- Cloud Storage, Spring Boot, Hibernate, Liquibase, Docker, Kubernetes, Maven, Jenkins, Jacoco, JAVA

February 2018 – January 2020

COMODO, Ankara

Full stack Developer – Full-Time

- EDR (Endpoint Detection and Response) (<https://edr.cwatch.comodo.com>) is a next-generation endpoint security tool that continuously collects, centralizes, and record endpoint events to provide file based and user-based visibility, behavior based anomaly detection, and endpoint remediation capabilities
- Processing 500.000 events per minute collected from endpoint agents
- Implementing Microservice Architecture
- Formerly used Amazon Web Services (Elastic Beanstalk, Lambda, API Gateway, ECS, SQS, SNS, CloudFormation, DynamoDB, S3), Java, Go, Node.js, Express JS, AngularJS, Docker, MySQL (Aurora DB), Clickhouse
- Currently using Google Cloud computing, Bigtable, Pubsub, Kubernetes
- Following Agile Software Development
- Using Git, Jira for version control

Cross-European team

Ukraine, Russia, China, USA

December 2015 - January 2018 Cybersoft, Ankara

JAVA Backend developer – Full-Time

- SIDE (Simple Integrated Development Environment) is an application developed for accelerating the software development process, lowering the maintenance cost, performing standard and understandable development, time and resource efficiency. SIDE is web based development environment. It is currently being used by over 100 engineers in more than 50 projects. At the same time, it allows remote online development, allowing engineers at different locations to develop on the same project.

SIDE's main features are;

- Drag & Drop page development
- Event-driven programming
- Source Control System
- Continuous Integration
- Programming with basic JavaScript knowledge

Software Engineering Intern - Summer 2014

ASELSAN Military Electronic Industries, Ankara

Worked in Defense Systems Technologies Business department. Monitored the flow of messaging from the software bus, simulated the software bus components, and tested them, both sending and getting the events. Also participated in automatic production of the monitor and substructure which are the Kostebek plugin and IBM Rational Rhapsody plugin.

Software Engineering Intern - Summer 2013

STM Defensive Technologies and Engineering, Ankara

Worked on Air Command Control Information System (AIRC2IS). AIRC2IS is a NATO project that plans to design a system that enables the creation of tactical air defense and easy communication with the support and operation teams. Wrote integration tests in order to increase the performance, functionality, and reliability of the project in Theatre Ballistic Missile Defense (TBMD) department.

ACADEMIC EXPERIENCE

Tutor - Algorithms and Programming (CS101) - Fall 2013

Bilkent University, Ankara

Course lab-work, Providing feedback

EDUCATION

B.S. Computer Engineering - Sep 2010 - June 2015, Bilkent University

RELATED PROJECTS

Shopakolik, Android Development - 2015 Spring

Database and location-based application which enables stores to share their discounts and customers to follow discounts.

Banking Enterprise, Web Development - 2014 Spring

Designed a data management system for a bank considering staff, branches, customers, accounts, loans, cards, transactions (deposit/withdraw/transfer).

Selected Courses:

Computer Networks, Introduction to Applied Cryptography, Software Engineering Project Management, Application Lifecycle Management, Artificial Intelligence, Web Design, Interactive Media Design and Development

2007–2010: Ankara Atatürk Anatolian High school GPA: 89, 49/100