

Mehmet Cevheri BOZOGLAN

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Summary

With over 10 years of experience in **software development**, I have a strong background in **algorithms** and **data structures** and a passion for **solving complex problems**. My expertise spans across developing and maintaining large-scale software systems, and I am proficient in working with both **web** and **mobile** technologies, including **Java, Flutter, Python, .Net and PL/SQL**.

I am experienced in **DevOps** technologies such as **Jenkins, Docker, and Kubernetes**, and have extensive knowledge of cloud services like Firebase, AWS, Azure, and GCP. My skills also encompass database technologies (**RDBMS, NoSQL**), big data technologies (**Spark, Kafka, Parquet**), and machine learning technologies like TensorFlow and Keras.

Experience

Software Engineer, PIA Group – Istanbul

Aug 2021 - ...

Technology stack:

Java, Python, Flutter, Docker, Kubernetes, Jenkins, AWS, MongoDB, Linux, ELK, Terraform, Keycloak, Ansible, Vagrant, OpenAPI, Postgres, Redis, Kafka, TensorFlow, Keras, Open-LLM

Projects:

- DNext - Next Generation Cloud Native, Customer Engagement Platform(TForum and OpenAPI)
- Authorization server as a Service(User, Roles, and Permissions) with Java and MongoDB
- Voice Analysis Platform with Java, Postgres, ELK and Kubernetes
- Kubernetes Deployment Platform(DevBox) with Ansible and Vagrant
- Keycloak IAM Integration and Extension with Java
- OpenAPI code-generator for PiA-Group specific templates with Python and Jinja2
- DNext SaaS Platform for Digital Transformation on AWS with Python and Terraform
- Vodafone CRM (DNext implementation)

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Lead Software Engineer, Hisar Intercontinental Hospital – Istanbul

Jun 2019 - Aug 2021

Technology stack:

Java, Angular, Python, Scala, Flutter, Docker, Rancher/Kubernetes, Jenkins, Linux, ELK, OpenAPI, Postgres, Redis, Kafka, SQLServer

Projects:

- SiriusHBYS - Health Information Management System
- Rancher - On-Premise Kubernetes Cluster Management
- Event Log Anomaly Detection with Scala, Kafka, Hive, and Cassandra
- Telemedicine Platform for online doctor appointments(Covid Time) with Java, Angular, SQLServer

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Lead Software Engineer, Aurora Software – Istanbul

Jun 2015 - Jun 2019

Technology stack:

Java, Angular, Python, Docker, Rancher/Kubernetes, Jenkins, Linux, Oracle, Postgres, ELK, OpenAPI, Postgres, Redis

Projects:

- Education Management Platform with Java, Angular, and Oracle

- Rancher - On-Premise Kubernetes Cluster Management
- Centralized Logging Platform with Java and ELK
- Role Management Platform with Java and Postgres
- Retail Management Platform with Java and SQLServer
- CRM Platform with Java and Oracle
- Central Authentication Platform with Java, Oracle, Oauth2 and OpenID Connect
- International Patient (Business Process Management) System with Java and Oracle

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Software Engineer, Digiturk beIN Media Group – Istanbul

Dec 2014 - Jun 2015

Technology stack:

.NET, C#, SQLServer, Oracle and PL/SQL

Projects:

- Digiturk CRM Platform with .NET and Oracle.(TForum and SID)
- Database Migration with Oracle and PL/SQL

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Software Engineer, Agito Insurance – Istanbul

Nov 2012 - Dec 2014

Technology stack:

Oracle PL/SQL and Oracle Forms/Reports, Java, WebService, SOAP, XML

Projects:

- Insurance Management Platform
- BES - Private Pension System
- EGM-GEV System

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Software Engineer, Akgun Software - Health – Istanbul

Mar 2007 - Nov 2012

Technology stack:

.Net, Oracle PL/SQL and Oracle Forms/Reports, Delphi, Java, WebService, SOAP, XML

Projects:

- HBYS - Health Information Management System
- Data Migration with Oracle PL/SQL and Delphi
- Dynamic Reporting System with Delphi and Oracle

Education

Sakarya University, Master's Degree in Computer Information and Technology

2013 - 2015

Anadolu University, Bachelor's Degree in Faculty of Business Administration

2006 - 2012

Publications

Astronomical Data Analysis with Python Using Astropy and Astroquery

2024

Computer Vision With Deep Learning

2024

NLP Sentiment Analysis on Restaurant Reviews

2024

Gaia dataset and queries with ADQL (Astronomical Data Query Language)

2024

How to deploy your docker image to cloud for free?	2024
Apache Zeppelin with Spark Example	2021
How to write Keycloak extension Custom Event Listener	2024
Apache Kafka — Digital Wristband	2021
Rancher RKE Kubernetes Installation	2021
Apache Spark install on Linux	2021
Apache Hadoop install on Linux	2021
SQL Server 2019 Linux – Always On	2019
ORACLE PL/SQL OBJECT TYPE	2015

Open Source Projects

Basic Health Information Management System with Java, Angular, and Postgres	github/healthcare
Flutter BloC State Management Template with Flutter and BloC	github/flutter-bloc-advanced
Introduction to Astronomy 2024 with Python and Jupyter Notebook	github/Intro-to-Astro2024
AI and ML Training with Python, TensorFlow, and Keras	github/ai-ml-training
Keycloak Custom Event Listener with Java and Keycloak	keycloak-event-listener
Spring Boot Microservices Example with Java, Spring Boot, and Docker	springboot-microservices
Java Spring Boot Overriding Environment Variables with Java and Spring Boot	spring-boot-environments
Kafka Flame Consumer with Scala, Kafka, Spark, Cassandra, and MongoDB	github/spark-tutorial
Basic Python Decompiler with Python	github/python-decompiler
Hadoop MapReduce Example with Java, Hadoop	github/hadoop-mapReduce
NYC Fire Incident Analysis with Scala and Spark	github/spark-scala
Basic Python Exercises with Python	github/python-exercises

Additional Experience And Awards

2024 - Mastering Data Science ML and AI: 7 weeks of training with Python, Machine Learning, Deep Learning, Computer Vision, AI, LLM, ML-OPS

2024 - Intro To Astro Summer Internship: Intro2Astro is an introductory 8-week long cost-free online course targeted at aspiring students, researchers, and enthusiasts to step foot in the world of astronomy research

2023 - AWS Certified Solutions Architect

2022 - TMForum Certified OpenAPI Professional

2021 - Lean Management

2019 - Big Data and Machine Learning Training

2018 - International SPICE Certificate

2015 - Design Pattern with Java

2012 - CMMI Certificate

2010 - Advanced Oracle PL/SQL