VOLKAN AK

EyeCheckup – Early Diagnosis, Akdeniz University Technopolis, Antalya, Turkey

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EXPERIENCE

2022 –   EyeCheckup, Antalya (Remote)
                  Software Architect Team Lead

- Developing Spring Boot REST APIs running on AWS Elastic Beanstalk
  - Java 17
  - RDS (Postgresql), S3 (Simple Storage Service), SQS (Simple Queue Service), CloudFront Signed Cookies, CloudWatch, SecretsManager, SES (Simple Email Service)
  - Rabbitmq
  - JWT (JSON Web Tokens)
  - Java features like stream api
  - OpenAPI Swagger, Postman
  - Postgresql, Pgadmin, Toad
  - JFR (Java Flight Recorder), Eclipse MAT (Memory Analyzer Tool), VisualVM
  - Maven, Git, Bitbucket
  - Amazon CodeBuild, CodePipeline
  - Docker, dockerfile
  - JUnit, Mockito, Testcontainers
- Developing Delphi applications
  - VCL Libs
  - ZeosLib
  - MySQL
  - Windows Services
  - GR32 (Graphics32)
  - Indy
  - REST
- Maintaining legacy Delphi codebase
- Maintaining python service codebase
- Technical support for test automations
  - Selenium
  - Selenide
  - Allure
  - Bitbucket pipeline
- Leading a team of 5 developers
  - Code reviews
  - In-house trainings
  - Pair programming

2021 – 2022	Insurance Information and Monitoring Center, Ankara
	Test Automation Unit Manager

- CI/CD administration using Jenkins pipeline
- Spring boot data infrastructure (jpa repositories/services) implemented for test automation unit.
- Automated tests written using JAX-WS, Spring JPA, Spring Boot framework. Other tools used: Maven, Jira, Eclipse

2019 – 2021	Insurance Information and Monitoring Center, Ankara
	Senior Analyst/Developer

- Within the scope of Insurance Systems Transferring Project relocating Java web applications on SAP portal to IIMC servers and integrating systems are done.
  - Java 1.6
  - Spring
  - Hibernate
  - Oracle 12c
  - Toad
  - JSF – PrimeFaces
  - Quartz
  - JAX-WS, SOAP
  - REST
  - SoapUI
  - MobileSignature – MSS
- Several novel projects analyzed and designed using Balsamiq Wireframes, Oracle Database 12c, Toad, SoapUI, Eclipse, Zxing library.
- Analyzed and managed development processes of Digital Infrastucture Transformation of Financial Statements project. Jira, Balsamiq Wireframes, Oracle Database 12c, Toad, SoapUI, Eclipse, JAX-WS, Mockito Framework are used throughout the SDLC.

2009 - 2019	Ministry of Treasury and Finance, IT Department, Ankara
	Application Developer/DBA

- Developed modules for legacy enterprise information systems. Some of the projects are Incentive Account for Employee Savings Information System, Assets and Liabilities Information System, E-Signature Framework Development.
  - PowerBuilder
  - PowerDesigner
  - Oracle Database 11g
  - Sybase EAServer

- Developed various web applications using Java Spring-Hibernate in the core. Some of the projects are Exchange Offices Information System, Business Angel Scheme Information System, Fund of Funds Information System, Domestic Debt Auction Data Transfer System, National Fund Information System, NAO (National Authorising Officer) Human Resource Information System.
  - Java 1.6
  - Spring
  - Hibernate
  - Quartz
  - JAX-WS, SOAP
  - SoapUI
  - Svn
  - SAP Portal
  - Toad
  - Eclipse, SAP Netweaver
  - Weblogic
  - Oracle SOA Suite
- Oracle 11g database administration.

2007 – 2009   BTT Bilgi Teknoloji Tasarım Ltd. Şti, Ankara
Expert Project Engineer

- Developed server-client applications. A standalone service supporting various protocols (SOAP, CORBA, ASN.1, HTTP) is built using C++ and a corresponding Java Swing client is designed. Developed back-end java services.
- Developed Qt user interface application by using socket programming and telnet protocol.

EDUCATION

2007   METU, Ankara
BSc, Computer Engineering

2003   Ankara Atatürk Anatolian High School
Math-Science

TRAININGS

Codebashing - Secure Application Development, 2021, Ankara (Online)
Introduction to Blockchain Technology/Blockchain Business Overview, 2021, Ankara (Online)
Microservices Architecture, 2021, Ankara (Online)
Agile and Scrum, 2019, İstanbul

TS ISO IEC 27001 Information Security Management Systems, 2015, Ankara

Mobile Framework, JQuery & Bootstrap, 2015, Ankara

HTML5 and CSS3, 2015, Ankara

Agile Methods and Scrum in Project Management, 2014, Ankara

Advanced OOP with C# ,2014, Ankara

ASP.NET MVC Framework, 2014, Ankara

Oracle Database Security, 2013, Ankara

iPhone, iPad Application Development, 2012, Ankara

Advanced Java, 2011, Ankara

Oracle Database 11g Administration I-II, 2011, Ankara

Oracle Performance SQL Tuning, 2011, Ankara

Oracle Advanced PL/SQL Programming, 2010, Ankara

Oracle 11G – PL/SQL Programming, 2010, Ankara

Oracle 11G-SQL Introduction, 2009, Ankara

Fast Track to PowerBuilder I, 2009, Ankara

Business Process Modeling User PowerDesigner 15, 2009, Ankara

Modeling for Enterprise Architecture User PowerDesigner 15, 2009, Ankara

TECHNICAL SKILLS

Java, C/C++, PowerBuilder, Php, HTML, Javascript, Python, Delphi
Qt, Swing, Hibernate, Spring, Spring Boot, Jsf, Primefaces, JSON, JWT, SOAP, REST
Oracle Database, MySql Database, PostgreSQL Database