

BERK ALĞÜL

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Over 4 years of professional experience in analyzing the requirements, designing, full-stack development, testing and implementation of various development life cycles, test-driven development, solid principles and design patterns.

WORK EXPERIENCE

Turkcell Technology

Istanbul, Turkey

Turkcell leads the telecom industry and technology in Turkey (+35 million subscribers).

Expert Software Developer

September 2021 – Present

- Contributing and maintaining the internal SPA with .Net, Front-end and SQL Server skills, by managing SDLC on JIRA and creating documentation on Confluence. By increasing the engineers' efficiency on the field for them to managing quickly the processes of building, planning, regulation and renting of the base stations and internet infrastructure.
- Improving the existing open-source project PDI (Python Data Integration) to move the data between database systems, files or queues for operational teams to get their reports they need quickly without interrupting processes.
- Programming and upgrading the PDI user interface with React.js. By improving its user friendliness, clearness and customer satisfaction.
- Developing the existing AI project called Smart Leasing with Python and deploying it by using Docker to Openshift environment. By giving informations about rentable and valuable areas, and helps engineers saving time by 80%
- Transforming and moving our database's objects, such as tables, functions and stored procedures in SQL Server to use them in newly implemented PostgreSQL database, by aiming to reduce the cost of the legacy system in the company.

Garanti BBVA Technology

Istanbul, Turkey

The company provides software development solutions to organizations of Garanti BBVA in Turkish finance.

Worked in two different teams. (Commercial Loans and DevOps Teams)

Expert Software Developer and DevOps Engineer

May 2020 – September 2021

- Developed Test Management dashboards, which integrated to Jenkins Pipelines, SonarQube and Bitbucket, with .Net, Bootstrap and JQuery, to help the delivery teams to manage their test processes, while increasing their productivity and reducing their spent daily times by 10%
- Created a brand new functional test inventory module for the company with .Net, Bootstrap, Oracle DB and SQL Server, by collaborating test engineers and make tests manageable for delivery teams.
- Designed and improved Jenkins pipelines and the merging rules in Bitbucket to put quality gates to improve company's test quality metrics and get higher code quality on the production environment.
- Contributed to Release and Deployment process of the company and implemented new features by creating new Operational Change Order workflow with Microsoft Activities in Workflow Foundation, to improve SDLC.
- Created asynchronous Windows Services to contribute to SDLC and not to interrupt processes of delivery teams, by increasing their productivity by %20.
- Gave supports and made presentations to .Net Developers in the company how to implement unit tests and integration tests into their applications. Led other team members on continuous testing.

Associate Software Developer in Commercial Loan Team

December 2017 – May 2020

- Created and developed many new features in the existing applications, workflows and batch applications in the large-scaled modules of Commercial Loan, such as accounting, loan with IBM Technologies, to increase the productivity of business team of the bank, which serves directly corporate customers, by around 20% for each project.
- Built clear, responsive and efficient user interfaces and services with Java/J2EE and JSF Technologies to improve the business team's efficiency on the field and contributed to their rising the number of product sales.
- Collaborated with software architecture team, to design brand new API Gateway for inbound and outbound integration services of Banking Applications, to develop and improve processes of APIs and migration services of software development teams with other companies and modules in the company.
- Designed and programmed orchestration web service applications with Spring Boot, that connects the modules of Commercial Loans, Government agencies, other companies and internal modules of the companies such as documentation, cryptology. And fed Splunk for logging.
- Led and conducted the other developers in the unit of Loan as a Subject Matter Expert on integration issues and general upgrades/maintenance of these integration services.
- Adapted the agile methodologies and led the product team in that matter as a Scrum Master and a developer at the same time for a year after transformation of the company's workstyle from waterfall to agile.

CMC Turkey

Istanbul, Turkey

Software Developer Intern

June 2016 – August 2016

- Developed a customer application called Client Meeter that helps customer representatives to track and follow their customer's special days, and celebrate them. By using .Net Framework technologies.

Gobito Enterprise Solutions

Istanbul, Turkey

Software Developer Intern

December 2015 – February 2016

- Programmed a customer automation application with Java Technologies. As an intern, it helps me to get deep understanding of the fundamentals of Java Programming.

EDUCATION

Yildiz Technical University

Bachelor of Mathematical Engineering

Istanbul, Turkey

Graduation Date: August 2017

- Thesis: Created a Web Career Platform for the students of Mathematical Engineering who are looking for an internship. Developed the application with .Net WCF services, SQL Server and Bootstrap Framework.
- Design Application: Built a native mobile application, which is developed with Ionic Framework and AngularJS, called Result Calculator, by helping the students to calculate their exam results.

Martin Luther University

Erasmus student of Computer Science

Halle, Germany

October 2016 – March 2017

SKILLS & OTHER

Hands-on Experienced Skills:

- C#, Javascript, Java, COBOL, PL1
- .Net Framework, ASP.NET, WCF Architecture, .Net Core, Spring Framework, Spring Boot, VS Unit Testing, Mocha Web Services(Rest and Soap), IBM Integration Bus, JCL, Ionic Framework, NPM
- JQuery, HTML, CSS, Bootstrap, JSF, Knockout.js, AngularJS, MVVM, ReactJS, MaterialUI, Fuse
- MsSQL, Oracle DB, DB2, MySQL, PostgreSQL
- Visual Studio, VS Code, IntelliJ, CA API Gateway(Layer7), Postman, SoapUI, SMSS, SQL Developer, DBeaver,
- Container Technologies(Docker, Kubernetes), Openshift, Jenkins, Bitbucket, Splunk, Dynatrace, Kibana, JIRA, Git

Languages: Turkish(Native), English(IELTS Overall 7 Expiration Date: 15.01.2023), German(A2 – Goethe Institute Certificate)

Courses: Mobile App Development with Ionic Framework and AngularJS, Java SE Programming and Building Rich Internet Applications using HTML5, CSS3 and Javascript by DeepCloudLabs, Advanced JavaScript By Kyle Simpson on Pluralsight, DevOps CI-CD by Enterprisecoding.

Language Courses: Yildiz Technical University Modern Languages School, St.Giles School in the UK, Cambridge English Course in Boston, German Course in Goethe Institute, Martin Luther University German Course

Events: AngularJS Bootcamp, Finance and Software Developing and WWW Peak in YTU, Developing mobile app with React Native.

Interests: Fitness, Gaming, Tennis, Table Tennis, Travelling, Music