Burak Erkan

Personal Info

Phone Contact thorugh mail if needed
E-mail burak@yazilim.vip
Birth Year/Place 1985/Malatya
Martial Status Married (1 kid)
Driver License B
LinkedIn linkedin.com/in/burak-erkan

Languages

English

Reading: Upper-Intermediate **Writing:** Upper-Intermediate **Speaking:** Intermediate

YÖKDİL

Physical Sciences English : 77,50

Education

Graduate(Thesis Phase)

Akdeniz University, Antalya
Computer Engineering 2018 –

Under Graduate

Cyprus University, Nicosia
Computer Engineering 2004 – 2010

Qualifications

Programming Languages

Advanced: Java
Intermediate: JavaScript, HTML & CSS, Bash Scripting

Experiences

- **Frameworks :** JSF, Primefaces,, Spring Boot
- **Libraries :** HTML5-Canvas (PaperJS), jqPlot Charts and Graphs
- **RDBMS :** MsSQL, PostgreSQL, MySQL, JPA (Hibernate, EclipseLink, MyBatis)
- **Build Tools :** Maven
- **Project Management :** Jira, GitLab
- **VCS :** Git, SVN
- **CI Tools :** Jenkins
- **Containerization :** Docker
- SOLID Principles
- Object Oriented Paradigm
- Software Architecture Design (Back-End, DB, Business Layer))
- Microservices Architecture (Spring Boot)
- Multi-Module Project Structure (with maven)
- Linux Server Management
- Linux Terminal, Office Apps

Experiences

Work Experiences

Lead R&D Software Engineer

Date: 01/2018 - Present
Company - Place: Cantek Group - Antalya
Goal: Development of Industrial Control Systems (ICS) and Early Warning Systems (EWS) with local device or cloud server based web applications for industrial storage and vertical plant factories.
Job Description:
These systems are generally managed autonomously by controller devices consisting of PLC or electronic cards developed with embedded software. By communicating with the controller devices, the necessary data is sent to the monitoring system designed with micro service architecture in cloud servers. Designing software that offers analytical solutions over large data sets created in the cloud environment, developing it with software and embedded software teams. **-** Using Hybrid Database Architectures with combining PostgreSQL + Cassandra technologies
- Developing Java Microservices with Spring Boot (mostly Spring Framework Core, Spring Security and Spring Cloud Modules)
and deploying them as Docker containers on the server
- Configure a system running on the Ubuntu 16.04 server and apply DevOps using CI/CD Softwares running inside separate Docker containers.
— Managing source code via GitLab
— Compiling Spring Boot applications with Maven via Jenkins
— Serving JARs on the JFrog Artifactory via Jenkins

Sn. R&D Software Engineer

Date: 07/2015 - 01/2018 (2 years 7 months)
Company: Cantek Soğutma - **Place:** Antalya
Goal: Implementing a computer-based assessment system for educational assessment.
Job Description:
- Developing Java Web Apps (Spring MVC) with using Spring framework
- Providing communication between web apps and database over RESTful Service
- Compiling applications with Maven, sending them to the SVN environment, serving them on the Tomcat Server via Jenkins.
Outcome: Use of information technology in assessment for educational assessment

Computer Engineer

Date: 10/2013 - 11/2014 (1 year 2 months)
Company: Mavi Güvenlik - **Place:** Antalya
Goal: Implementing a computer-based assessment system for educational assessment.
Job Description:
- Developing Java Web Apps (Spring MVC) with using Spring framework
- Providing communication between web apps and database over RESTful Service

- Compiling applications with Maven, sending them to the SVN environment, serving them on the Tomcat Server via Jenkins.
Outcome: Use of information technology in assessment for educational assessment

Software Developer

Date: 03/2013 - 06/2013 (4 months)
Company: Tez Tour - **Place:** Antalya
Goal: Implementing a computer-based assessment system for educational assessment.
Job Description:
- Developing Java Web Apps (Spring MVC) with using Spring framework
- Providing communication between web apps and database over RESTful Service
- Compiling applications with Maven, sending them to the SVN environment, serving them on the Tomcat Server via Jenkins.
Outcome: Use of information technology in assessment for educational assessment

Jr. Computer Engineer

Date: 2007 - 2010 (3 years)
Company: Mikro Yazılım (KKTC) - **Place:** Lefkoşa
Goal: Implementing a computer-based assessment system for educational assessment.
Job Description:
- Developing Java Web Apps (Spring MVC) with using Spring framework
- Providing communication between web apps and database over RESTful Service
- Compiling applications with Maven, sending them to the SVN environment, serving them on the Tomcat Server via Jenkins.
Outcome: Use of information technology in assessment for educational assessment

Start-up Projects

Yazılım VIP (http://www.yazilim.vip)

Date: 07/2018 - Present
To keep this platform open to everyone who is competent and willing to share what we call an open source world. A platform aimed at presenting our competencies to the open source world without waiting for a response.

Goldigo (http://www.goldigo.net)

Date: 03/2014 - 01/2016 (1 year 10 months)

Goldigo was founded in 2014 as an online gaming platform. It was developed as a web application on JSF and MySql as an infrastructure. This platform has been actively used by users from all over the world. It was chosen as the second most preferred platform by Wow players for a period.

Attended Organizations

Clean Code Seminar :   Master Seminar
ICAIME 2019 :   Participant
GDG 2019 :   Participant

State Founded Projects

CLOUD-BASED SCALABLE AND EXPANDABLE CENTRAL MONITORING AND MANAGEMENT SYSTEM FOR COLD STORAGES

Tübitak Teydeb

Program: 1501
Destek oranı: %75
Pozisyon: Project Manager & Software Development Team Leader

Proje detayları

- **Software Development Technologies** Java, Spring Framework Ecosystem(Spring Boot, Spring Cloud, Spring Security, Spring Gateway etc.)
- **Frameworks & Libraries** Angular, Hibernate, HTML5-Canvas
- **Database** Cassandra, PostgreSQL
- **Project Management** GitLab