

# MUHAMMED ABDULLAH YILDIZ

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## EXPERIENCE

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**Senior Software Developer**, D&R [dr.com.tr](http://dr.com.tr)

July 2020 – Jan 2023

**Bookstore Project** [bookstore.dr.com.tr](http://bookstore.dr.com.tr)

- Developed an e-commerce web application called BookStore, which consisted of three dockerized Laravel applications - admin, front-end, and parser (backend). Although the applications were not in the microservice architecture, they could be run and deployed independently.
- Transferred the xml data of about 8 million products from the Editeur Onix system to a MySQL database using the parser project.
- Created cron jobs that run periodically to keep the products up to date using Bash and Laravel commands.
- Implemented an admin panel with Laravel to manage 8 million products and dynamic site pages.
- Contributed to RabbitMQ exchanges and queues to allow communication between admin and parser.
- Migrated all product data to Elasticsearch 7+ and Kibana for front-end use.
- Built the database structure and optimized for stability and performance.
- Configured Gitlab for workflow and Jenkins for deployment, and created custom Git repositories for common code blocks, models, and connectors across all three applications.
- Used Redis to speed up all three applications where cache management was required.
- Used a variety of technologies including PHP7, Bash, Laravel 8, jQuery, MariaDB, Elasticsearch, Redis, WSDL, Docker, Gitlab, Jenkins.

### Spotify Project

- Implemented a coupon distribution system that offered free Spotify memberships to customers who purchased on all sales channels.
- Distributed approximately 5000 coupons per day via SMS and email, ensuring there were no duplicates.
- Created and optimized database structure and improved database and cache performance.
- Set up Gitlab and Jenkins environments for CI/CD.
- Developed an admin panel for statistics and to track those who did not receive their coupons.
- Used a variety of technologies including PHP7, Laravel 8, jQuery, MariaDB, Redis, WSDL, Docker, Gitlab and Jenkins.

**Senior Software Developer & Team Leader**, Otoanaliz [otoanaliz.net](http://otoanaliz.net)

Oct 2012 – Jun 2020

- Managed the preparation of policy production, policy pricing, damage file tracking, recourse, and law modules from start to finish.
- Developed the catastrophic damage infrastructure and automatic expert and repair shop assignment modules.
- Implemented the distance fare calculation module between experts, damage, and repair shops using Google Maps API.
- Created a distributed monolith structure that made the project easily expandable.
- Established data flow over APIs with all contracted partners.
- Monitored job requests created on Redmine and delegated them to teammates.
- Utilized a variety of technologies, including PHP5, PHP7, MySQL, jQuery, HTML/CSS, Git, Gitlab, Docker, Vagrant, Jenkins, Behat and Redmine.

**Full Stack Developer, RNA [rna.com.tr](http://rna.com.tr)**

Jun 2007 – Dec 2010

- Developed and implemented dozens of projects as a full-stack developer, utilizing a range of technologies and programming languages.
- Managed over 200 hosting and domain accounts, ensuring optimal performance and uptime.
- Collaborated with WHM, cPanel, ICANN-accredited domain providers, and banks to develop web service applications that were immediately active after sales.
- Assumed responsibility for all co-location and hosting operations, including server maintenance, upgrades, and performance optimization.

**Software Developer, Bilbest [bilbest.com](http://bilbest.com)**

Jan 2006 – May 2007

- Managed updates and implemented fixes and hotfixes for current applications using Delphi programming language.
- Updated medication prices across all hospitals using SQL.
- Designed new version screens of applications using Visual Studio and C# programming language.
- Utilized a range of technologies including Delphi, C#, Visual Studio, and SQL.

**EDUCATION**

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**Anadolu University**

Bachelor's degree, Faculty of Management

Graduation: Jun 2014

**Gazi University**

Vocational degree, Computer Technology & Programming

Graduation: Nov 2004

**TECHNICAL SKILLS**

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Languages/Frameworks: PHP, Laravel, Golang, Bash, SQL, Html/CSS, jQuery, Vuejs, Tailwindcss

Tools: Git, GitHub, Gitlab, Bitbucket, Docker, Unix/Linux, Redis, RabbitMQ, Kibana, Jenkins, Bitbucket

Pipelines, Phpstorm, Scrum