

Muharrem Tigdemir


Senior Backend Engineer

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 Newbury, UK

PROFESSIONAL PROFILE

A Senior Backend Engineer with over 8 years' experience and a Bachelor's Degree in Computer Engineering. Commercially-astute and tenacious with experience in identifying and designing software architecture with DevOps practices and developed Greenfield products. Possesses excellent PHP, JavaScript, AWS, workflow coordination and team leadership skills in fast-moving environments. Confident working in Agile environments to deliver testable, secure and maintainable code with a test-driven development approach. Currently looking to secure a new role that will leverage experience.

KEY SKILLS

- Laravel & LAMP Stack
- JavaScript & TypeScript
- React
- Golang
- CI/CD
- Git & GitHub Actions
- Linux
- AWS & Docker
- Test Driven Development
- DevOps Practices
- Team Leadership
- Agile Environments

PROFESSIONAL EXPERIENCE

Senior Software Engineer

September 2022 – December 2022

InDebted, UK (Remote)

- Developed Client Portal application using AWS AppSync with GraphQL and integrate to React Application with using Material UI and Typescript
- Implement Event Source projections with GoLang and Serverless architecture backend
- All day Mob and Pair programming with fully tested quality development
- Experience with Terraform to build infra as code

Senior Software Engineer

April 2021 – August 2022

THOUGHT RIVER, Cambridge (Remote)

- Created and maintained issues API microservice generated by ML/AI presentation to React Application
- Implemented automated issue generator service on top of the Contract Service from scratch with solid unit tests
- Event driven, CQRS and DDD software architecture PHP Application development and maintenance
- Implement features for React Applications using TypeScript and Material UI components
- Upgrade Services to make it compatible with PHP8 to against deprecations and security vulnerabilities.
- CI/CD pipeline transition with GitHub Actions to provide multi region, multi environment deployments saved hours of dev team from manual triggers.

Lead PHP Developer & Software Architect

April 2018 – March 2021

GROWTH ENGINEERING, WINDSOR

- Led the design and refactor of a legacy PHP multi-tenant SaaS LMS platform with service-oriented Lumen based API services upgraded platform to handle 50K user to over 1 million user base.
- Delivered a 20% Cloud Service cost reduction through continuous monitoring and performance improvement
- Implemented Redis Caching to reduce latency and page load time by 75%

- Improved existing SFTP account management system with queue and command line interface reduced 1 hour long process to less than 5 minute
- Trained tech team with Docker, TDD, OOP practices and mentorship Junior-Mid developers with Agile practices
- Implement CI/CD to development flow with Bitbucket Pipeline and improved team efficiency with shorter development cycles and saved business from down times on production releases.
- Led the Global Overview Dashboard Project for business visibility on multi-SAAS platform for all regions and collect data from all clients in scheduled times for Sales, Customer services teams.
- Utilise AWS experience for the production environment with EC2/S3/SQS/SNS services
- Built customisable Widget system with Vue.JS components and Backend for clients to design their end user dashboard

Senior Software Engineer

February 2015 – February 2018

CLEARSETTLE, LONDON

- Collaborated with the Head of Operations, finance team and Account Managers to onboard merchants, manage deployment, integrate new features and carry out analysis
- Participated in the PCI DSS Level 1 certification process and integrated SonarQube to prevent more than 30+ security vulnerabilities before Pen Test
- Developed FX, Settlement, Chargeback, Acquirer, Merchant and Reporting modules for the Payment Gateway, processing €1.5million a day
- Led the 'Payment Wall' project and implemented over 15 different payments into single checkout application as SAAS product
- Developed and implemented Virtual Card and E-Voucher Issuing sub-projects into the Payment Wall
- Provided support for merchant onboarding and technical integration

PHP Developer

October 2013 – February 2015

BUMIN SOFTWARE, Antalya/Turkey

- *Worked on a series of projects, as below:*

SMS Payment and Customer Management System

- Developed technologies with CodeIgniter, MySQL and Bootstrap to deploy on a Debian machine
- Integrated 6 different SMS providers into one API to provide an SMS service to all of Europe and Turkey with Queue processors
- 12 different 3rd party API's integrated into Backoffice, such as Email Providers, Invoice Service, Cloud File Storage and Online Call Record

MINIQ

- As a fast-growing startup project, work in the childcare industry to build a social platform for the parents and the nurseries and manage finance and payments of the facilities using Laravel and MYSQL.
- Developed from scratch RESTful API for Mobile API gateway to integrate parent application

Ulmelding Android Application and Web Service

- Developed a Native Android application which became viral and was published on major news channels across Norway
- Oversaw the development of Restful Web Services with CodeIgniter
- Developed the user management system with Bootstrap 2, connecting with the web services and introducing capabilities that include email sending, SMS sending, file upload, customer control and monitoring

Online Appointment Web Application

- Developed this web application with Laravel and Bootstrap technologies

EDUCATION AND DEVELOPMENT

Bachelor Degree in Computer Engineering – Suleyman Demirel University, Turkey

2009 – 2013

Exchange Student (6 months) – Šiauliai Universitetas, Lithuania

2011

Certifications/Training:

- Software Architecture Foundations
- Developing and Delivering Software with Docker
- MongoDB for Java Developers
- MongoDB Basics

TECHNICAL SKILLS

- PHP, Laravel/Lumen, AWS, JavaScript, PHPUnit, Git, TDD, Linux, Docker, CI/CD, MongoDB, MySQL, Rest, OOP, Material UI, LAMP stack, CodeIgniter, NodeJS, VueJS, Magento, Bitbucket, AWS, Vagrant, Bootstrap
- Multi-tenant SAAS products, credit card processing, 3rd party API integrations and PCI DSS standards, Open API (Swagger), E-Learning, FinTech experiences

LANGUAGES AND INTERESTS

Languages: English (fluent) and Turkish (native)

Personal Interests: Ney (instrument), Trekking, Travel, Cycling, Politics, History, Cooking, Strategy Games, Table Tennis