Backend Developer
M.Sc. in Electrical and Electronic Engineering
Ankara, Turkey

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GitHub
LinkedIn
Website

Summary

Backend Developer with 3+ years of experience delivering performant, scalable systems using PHP (Symfony), Docker, and AWS. Specialized in designing modular, API-driven architectures, integrating third-party services, and collaborating cross-functionally to deliver backend services that support real-time mobile applications. Strong communicator with agile experience, committed to continuous learning and building production-grade systems.

Experience

•Bk Mobil | Backend Developer *Oct 2021 - Present*
Ankara

– **Mymentora | API Platform, PHP 8, Symfony, Docker, AWS**
  * Developed secure and scalable backend systems for multiple SaaS products using Symfony and PHP, aligned with modern OOP principles and SOLID practices.
  * Integrated and managed various data sources, including interactive content (Articulate, Flipbook, H5P), ensuring seamless ingestion and validation. Increasing admin productivity by 30%.
  * Utilized AWS infrastructure, reducing server downtime by 40% and enhancing scalability by leveraging cloud-native architecture with AWS EC2, S3, and CloudFront.
  * Worked closely with QA and DevOps to deliver secure, testable features with CI/CD pipelines on Docker and AWS.

– **Secenek | Symfony, PHP 7.2, Docker, AWS**
  * Designed and deployed microservices for student performance reports, cutting report generation time by 50%.
  * Built services for data registration and notifications, ensuring secure communication for user registration and system updates.
  * Integrated secure in-app purchase services for Android and iOS using Apple Connect and Google API keys
  * Maintained and optimized systems using DevOps practices (Docker, Git, CI/CD)

•BAHÇEŞEHIR COLLEGE| Instructor *Dec 2021- Jan 2022*
Arduino and Sensors Istanbul

– Lecturing an overview of over 20 different types of sensors.
– Instructed students through more than 5 distinct hands-on projects to integrate electrical components, such as sensors, on board.

•BILKENT UNIVERSITY| Teaching Assistant *Sep 2018- Sep 2021*
Electrical Engineering Ankara

– Evaluated 100+ students, providing mentorship and technical guidance.
– Linear System Theory(2 semesters)• Engineering Mathematics II(3 semesters) • Circuit Theory • Introduction to Digital Circuit Design.

Education

•M.Sc. in Electrical and Electronic Engineering *Sep 2018 - Sep 2021*
Bilkent University Ankara,Turkey

•B.Sc. in Electrical Engineering *Sep 2013 - Feb 2019*
Semnan University Semnan, Iran

Personal Projects

•E-commerce Website | Django, React, AWS, PostgreSQL

– Developed RESTful APIs using Django, enabling secure authentication with JWT.
– Created search functionality and pagination, enhancing data organization and user experience.
– Deployed PostgreSQL on AWS, ensuring data security and scalability.
– Utilized AWS S3 for efficient media hosting.

•Pattern recognition | MATLAB, Python

Conducting a project for comparison of Non-Bayesian Classification Algorithmsin the Case of Missing Voxels in FMRI Data.

– Analyzed fMRI data from the ventral temporal (VT) cortex to identify human visual perception in response to stimuli.
– Preprocessed multi-voxel MRI data using normalization and smoothing to reduce complexity and noise.
– Implemented classification models, including Support Vector Machine (SVM), K-Nearest Neighbor (KNN), and Neural Network (NN), achieving accuracies of 85.3%, 85.13%, and 89%, respectively.

Skills and Interests

Programming Languages: PHP, Python, HTML/CSS, React, MATLAB
Frameworks : Symfony, Django, API Platform, Altium Designer, Proteus, Arduino, LATEX, PSCAD, Unit Testing
Web Dev Tools: PhpStorm, VScode, Git, Github, Bitbucket, Docker, Jira, Render, Windows, MacOS
Databases & Cloud: MySQL, PostgreSQL, AWS (EC2, S3, CloudFront), Firebase
Areas of Interest: Web Design and Development, Artificial Intelligence.
Languages: Persian (Native), English (Advanced), Turkish (Intermediate)

Certifications & Awards

- **Exceptional Teaching Assistance Award** Bilkent University
- **TÜBİTAK Scholarship** Bilkent University
- **Introduction to Programming with MATLAB** Coursera
- **Symfony 5 The Complete Guide for Beginner** Udemy
- **Symfony 6 Framework Hands-on 2023** Udemy
- **Django with React, An Ecommerce Website** Udemy

PUBLICATIONS

D. Namdar, AB. Özgüler, "Conditions of Well-posedness for Planar Conewise Linear Systems ", Transactions of the Institute of Measurement and Control, 2023, DOI: 10.1177/01423312231162718