Daniyal Namdar

Backend Developer
M.Sc., Bilkent University
Ankara, Turkey

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GitHub
LinkedIn
Website

Summary

Backend Developer with 3+ years of experience building scalable APIs and microservices using PHP (Symfony), Docker, and AWS. Skilled in designing modular architectures, integrating third-party services, and delivering production-ready solutions that support real-time mobile and web applications. Strong collaborator with a track record of improving system performance and reliability.

Experience

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

- **TercihBot | Symfony 7, PHP 8.2, Docker, AWS**
  - Built a platform enabling high school candidates to discover suitable schools and generate personalized preference lists based on real placement data.
  - Integrated Google login, email, and SMS notifications, boosting signup-to-active conversion by 30%
  - Designed scalable APIs handling 2k+ concurrent requests.
- **Mymentora | API Platform, PHP 8, Symfony, Docker, AWS**
  - Developed secure, modular backend systems for SaaS products following SOLID principles.
  - Integrated diverse content sources (Articulate, Flipbook, H5P), boosting admin productivity by 30%.
  - Leveraged AWS EC2, S3, and CloudFront to reduce downtime by 40% and improve scalability.
- **Seçenek | Symfony, PHP 7.2, Docker, AWS**
  - Designed and deployed microservices for student performance reports, reducing report generation time by 50%.
  - Integrated in-app purchase flows for Android/iOS via Apple Connect and Google APIs, enabling monetization for 2k+ monthly users.
  - Maintained CI/CD pipelines with Docker, Git, and AWS, ensuring fast and reliable deployments.

•Bahçeşehir College | Instructor *Dec 2021 - Jan 2022*
Arduino and Sensors Istanbul

- Delivered lectures on 20+ types of sensors and guided students through 5+ hands-on projects integrating hardware and software.

•Bilkent University | Teaching Assistant *Sep 2018 - Sep 2021*
Electrical Engineering Ankara

- Mentored and evaluated 100+ students in core courses, including Linear System Theory, Engineering Mathematics II, Circuit Theory, and 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

- Built a full-stack e-commerce platform with Django REST APIs and React frontend, enabling secure user authentication with JWT.
- Deployed PostgreSQL on AWS (EC2 + S3), ensuring scalable data storage and high availability.
- Implemented AWS S3 media hosting, cutting media load times by 30%.

•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

Backend & Languages: PHP, Python, JavaScript (React basics), HTML/CSS, MATLAB.

Frameworks & APIs: Symfony (API Platform), Django, REST APIs, OAuth2 / JWT, Microservices.

Databases & Messaging: MySQL, PostgreSQL, Redis, Firebase, RabbitMQ.

Cloud & DevOps: AWS (EC2, S3, CloudFront), Docker, CI/CD pipelines, Render.

Tools & Testing: Git, PhpStorm, VSCode, Jira, Bitbucket, PHPUnit / unit testing, Postman.

Other: Arduino, Altium Designer, Proteus, LaTeX.

Languages: Persian (Native), English (Advanced), Turkish (Intermediate).

Certifications & Awards

- **Exceptional Teaching Assistance Award** Bilkent University
- **TÜBİTAK Scholarship** Bilkent University
- **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