

PERSONAL DATA

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PROFESSIONAL EXPERIENCE

08/2023-09/2023	Software Developer at Vestel Electronics Developed .Net Core and Computer Vision applications for workflow management & product tracing (C#, .Net Core, Entity Framework, LINQ, MySQL, Matrox Imaging Library/OpenCV Algorithms)
06/2022-10/2022	Backend Developer at Panates Information Technologies Built a gateway and 12 middle services for third party APIs communication: Routes SMS requests of more than 50 hospitals to their contracted GSM provider. Aided colleagues on their linux/devops issues. (NestJS, REST, WSDL, SOAP, Swagger, Oracle DB, Redis, TypeScript, Docker, Bash, Curl, Postman, Linux)
11/2021-03/2022	Web Developer as Freelancer Data scraping projects, DevOps Assistance, WordPress Development and Hosting (Frontend Design, WordPress Extensions (PHP), Selenium and Scrapy Crawling, Cypress Tests, Linux SysOp)
01/2017-06/2017	Web Developer at Cezeri Mechatronic Commercial Websites, Academic Conference Management Systems, Websites for Celal Bayar University (Frontend Design, PHP, WordPress, JavaScript, Bootstrap, HTML/CSS, MsSQL, Hosting of HTTP, FTP, SMTP Servers)

EDUCATION

07/2019-06/2023	COMPUTER ENGINEERING, BACHELOR OF ENGINEERING Erzurum Technical University (2.70/4)
09/2016-06/2018	COMPUTER PROGRAMMING, ASSOCIATE DEGREE Manisa Celal Bayar University (3.28/4)

SKILLS

Now Studying	Microservices with Spring Boot 3 and Spring Cloud , Elasticsearch in Action , gRPC
Work Experience	
JavaScript	OOP, MVC D. Pattern, Asynchronous, RESTful API Services (TypeScript, NestJS, Nodejs, Axios, RxJs, AsyncAwait) (Proprietary Source Code)
C#	OOP, GUI Application (.Net 6, Windows Form Application) (Proprietary Source Code)
PHP	Website, WordPress Development (SQL(MySQL), Webpage Logic, WordPress Plugins) (Proprietary Source Code/Deprecated)
Project Experience	
Python	Backend: Flask , FastAPI (TortoiseORM , Uvicorn) Data Science & Machine Learning: Numpy , Pandas (/R), Scikit-learn , OpenCV GUI/Util: Tkinter , MongoDB , Selenium , Requests , PyTest
Java	Backend: Spring : Boot , Data , WebFlux , Cloud Stream , Reactive Microservices (Ongoing) GUI/Util: Swing , JTest , Mockito , Grandle
Persistent Data	SQL: PostgreSQL, MySQL, MariaDB, SQLite NoSQL: MongoDB, Firebase, Redis, Memcached Filesystems: Tempfs, Rclone Concept: Object Relational Mapping, Serialization
OS/SysOP	Bash , Git , Docker , Kubernetes , Nix & NixOS , Pacman , Apk , Apt (Alpine), Xen , Systemd

PAPERS

(Draft, Experimental Society Analysis) R. Özakar, Y. S. Hanay, R. E. Gazanfer. Measuring Happiness Around the World Through Artificial Intelligence, 2020, [Arxiv](#)

My junior year side project. Built the **data pipeline** that gathers videos (bash), processes them into frames (ffmpeg), crops / detects human faces (python face detection) and saves it with meta-data (label) for further training. (Source code is private).

CERTIFICATES

PCAP, Certified Associate in Python Programming, Python Institute. (2019)

HOBBIES

Operating Systems, System Programming, Hacker News & Startups, Weightlifting