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 composite gateway service and 12 middle service for thirdparty, different protocol API communication. Serves as a SMS service for more than 50 hospitals. Helped 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 Scrappy 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/Depricated)
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