Personal Data

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Professional Experience

08/2023–09/2023	**Software Developer Internship 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 Internship 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	**Part-time Web Development and Freelancing** 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