

فردین اللهویردی نژند

Software Engineer | Backend

درباره من

As a Software Engineer with over a decade of experience, I focus on developing reliable backend systems and scalable data pipelines. I specialize in implementing optimal architectures for specific project requirements, and improving performance, and have extensive experience with Linux systems. I'm excited to bring my skills to innovative projects and help drive organizational success.

تجربه‌های کاری

Freelance

فری لنس | فروردین ۱۳۹۰ تا فروردین ۱۳۹۳

Developing tools in python, Perl and bash script

PYTHON DEVELOPER

POSHTIBAN DADEH PAYESH | اردیبهشت ۱۳۹۳ تا فروردین ۱۳۹۶

Developed cross-platform desktop applications using PyQt and Tkinter

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Developed security testing tools for wireless networks using python and scapy

Software Engineer

LIFEWEB | خرداد ۱۳۹۷ تا مرداد ۱۳۹۹

- Developed data scrapers for various platforms with microservice architecture and Event-Driven Design
- Implemented data pipelines using RabbitMQ, Kafka, and ELK stack for data cleaning, feature extraction, and sentiment analysis.
- Trained deep learning models using TensorFlow for news topic detection based on LSTM and GRU neural networks.
- Developed and trained a computer vision model to solve CAPTCHA systems using OpenCV and Keras.
- Developed a RESTful API using FastAPI to manage and control scrapers across horizontally distributed instances.
- Demonstrated strong abilities in working with parallelism, concurrency, and asyncio to optimize data scraping and processing tasks



اطلاعات تماس

تماس از طریق جابینجا

اطلاعات شخصی

سال تولد: ۱۳۶۹

وضعیت سربازی: معاف

وضعیت تأهل: متأهل

زبان‌ها

ترکی استانبولی (حرفه‌ای)

فارسی (حرفه‌ای)

آذری (زبان مادری)

انگلیسی (متوسط)

Software Engineer

۱۴۰۰ تا مهر ۱۳۹۹ | RIGHTEL

- Developed a threat management platform using Django, integrated with F5 WAF and Splunk to generate reports based on specific RFC protocols.
- Created an asset management system to scan local networks and report new assets via email.
- Developed a cross-platform application using PyQt for generating threat reports.

Senior Software Engineer | Backend

۱۴۰۱ تا مرداد ۱۳۹۹ | ZYLEM SOLUTION LTD

- Developed a process mining backend using Django, Django Channels, and PM4PY.
- Implemented data cleaning, preprocessing, feature extraction, and data transformation pipelines with Pandas and MongoDB.
- Designed and developed a custom filtering system to work with Pandas DataFrames, MongoDB, and PostgreSQL.
- Created variant explorer and process explorer graphs based on DFG data using Graphviz and NetworkX.
- Developed a dataset merging system to aggregate data from local files, remote RDBMS, remote NoSQL databases, and REST APIs.
- Implemented Denormalization and Materialized View for improving database performance for both statistical data dashboard and graphs.

Senior Software Engineer | Backend

۱۴۰۳ تا تیر ۱۴۰۱ | WORLD ONE TRAVEL

- Developed a comprehensive online hotel reservation system with integrated online payment via Stripe, using Django Rest Framework.
- Established a self-hosted GitLab and set up CI/CD pipelines for both frontend and backend applications.
 - Implemented a caching system with Redis, backup storage with MinIO, and load balancing with NGINX utilizing a custom hashing algorithm.
 - Configured Prometheus and Grafana for system monitoring, developed an NGINX log-to-metrics converter, and created a continuous health checker tool using Golang.

سوابق تحصیلی

مهندسی مکانیک (کارشناسی)

دانشگاه صنعتی آذربایجان | ۱۳۸۷ تا ۱۳۹۳



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آذری (زبان مادری)

انگلیسی (متوسط)

مهارت‌های حرفه‌ای

. Restfull API . Computer Vision . Machine learning . Linux . Python3
. Tensorflow Keras . Deep learning . Linux Hardening . Django . Flask
. MySQL . RabbitMQ . DevOps . HTML CSS . Perl . OpenCV
. Unittesting . Elasticsearch . git . Django REST framework . MongoDB
. Git CI/CD . RestAPI . Redis . CNN & NLP . Docker & Docker-compose
Process Mining



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زبان‌ها

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