Yakup Keskin

🏠 Den Helder, Netherlands

📧 yakuupkeskin@gmail.com 📞 +31 6 212 00 361 github.com/yakubilik linkedin.com/in/yakupkeskin/

Qualifications

- Hardworking, passionate engineer with an enthusiasm to discover new technologies who constantly improves himself, enjoys producing and sharing knowledge with others.
- Pays attention to the importance of teamwork, respects the team, and works for their well-being, considering not only himself but also the benefit of the team in all developments.
- Confident and attaches importance to the quality of his work.

Education

Sakarya University   **Sakarya, Turkey**
Bachelor of Engineering - BE, Computer Engineering 3.08/4.00 GPA

Kocaeli University   **Kocaeli, Turkey**
Master of Engineering - ME, Computer Engineering (Ongoing)

Experience

Salure   **Gouda, Netherlands**
Python Backend Developer   November 2024 - Present
→ **Technologies:** Python, Docker,
- Building and maintaining SDKs and integration solutions for enterprise systems such as AFAS, Sage, HiBob, Zenegy, DATEV, HR2day, and Workday, enabling seamless data exchange and process automation.
- Managing end-to-end development operations, including containerization, load balancing, automated testing, and deployment.

Boraq Group   **Jeddah, Saudi Arabia**
Python Backend Developer   January 2023 - November 2024
→ **Technologies:** Python, Odoo, Postgresql
- Spearheading the development of robust and scalable backend services to meet the diverse requirements of various clients.
- Utilizing Python, Odoo, and Postgresql technologies to deliver high-quality software solutions.
- Collaborating with cross-functional teams to gather project requirements and ensure seamless integration of backend functionalities.
- Implementing best practices and adhering to coding standards to guarantee code quality and maintainability.
- Conducting thorough testing and debugging to identify and rectify software defects, ensuring a smooth user experience.

Fintech Software   **Sakarya, Turkey**
Python Backend Developer   January 2022 - January 2023
→ **Technologies:** Python, Flask, FastAPI, SQLAlchemy,Jenkins, Redis, Docker, Swarmpit, Git, Jira
- Developing backend services in the scope of microservice architecture.
- Development operations(Dockerizing, load balancing, testing, publishing)
- Managing the requirements of large applications such as logging, persistence, and error-free running.
- Working with both physical and cloud-based (AWS) servers.
- Building web scraping and various automation bots with ai.
- Having customers with over 2000 employees like McDonald's, Burger King, DenizBank, Watsons, etc.

Kodmed   **İstanbul, Turkey**
Python Backend/AI Developer   February 2021 - January 2022
→ **Technologies:** Python, C++, Flask, FastAPI, Tensorflow, Keras, Pandas, YOLO, Docker, Git, Jira

- Developed and designed computer vision, machine learning projects, web modules, and rest API systems for hospital management systems and illness detection applications.
- Worked with a 10-person agile team.
- Collaborated with hospitals, private clinics, and doctors for ai solutions.
- Participated in the testing, deployment, and bug-fix processes of applications.

Upwork   **World Wide**
Software Developer(Freelancer)   2019 - 2021
→ **Technologies:** Python, Django, Flask, FastAPI, React Native,
- Worked as a freelancer on Python projects.
- Developed Artificial intelligence, web scraping projects, web applications, various APIs.
- Worked with many people from UAE, Canada, Australia, Singapore, the UK, USA.

Projects

Government Notification System
Python, FastAPI, Flask, Docker, Swarmpit, Redis, Jenkins, RabbitMQ
- Developed a State Notification System for high-profile clients like Burger King, Watsons, and Starbucks, automating official employee and business notifications.
- Implemented AI-driven solutions to optimize government grant calculations for diverse hiring needs.
- Designed a microservices architecture to ensure scalability and fault tolerance for high transaction volumes.
- Deployed containerized services using Docker, enabling efficient load balancing across on-premise and cloud environments.
- Integrated RabbitMQ for reliable queuing and efficient processing of large-scale operations.

Binance Trading Bot
Python, FastAPI, Flask, Docker, Redis, RabbitMQ, WebSockets
- Developed a Binance Automated Trading Bot to execute buy and sell transactions based on various strategies.
- Enabled users to create custom strategies for automated trading on selected cryptocurrencies.
- Served a client portfolio primarily consisting of large-scale banks such as Denizbank and Akbank.
- Gained experience working with WebSockets alongside other technologies to ensure real-time transaction processing.

IVF
Python, FastAPI, Django, Docker, RabbitMQ
- Developed an in vitro fertilization (IVF) Project to automate the monitoring and selection of embryos for patients undergoing in vitro fertilization (IVF) treatment using image processing and AI.
- Collaborated with clinics to collect data and trained a machine learning model to evaluate daily, weekly, and monthly embryo development.
- Created a web service that allows doctors to upload embryo images, enabling automatic selection of the most viable embryos.
- Deployed services on AWS, utilizing Lambda functions and EC2 instances for efficient and scalable operations.

Song Recommender By Current Mood
Python, Flask, LangChain, Tensorflow,SQLAlchemy, React Native, Redux, MaterialUI
- Mobile app that recommends play-lists by users' current mood, found by their selfies.
- Trained an emotion prediction model with human face images and developed a backend service.
- Developed a mobile app with react-native.
- **Frontend:** https://github.com/yakubilik/songs-by-mood
- **Backend:** https://github.com/yakubilik/songs-by-mood-python-backend
- **Application:** hhttps://expo.dev/accounts/yakupkeskin/projects/new(Available with expo go)

Skills

Web Development:	Python,Flask, Fast API, Django, Rest API, Web Scraping React, React Native
Database:	MySQL, PostgreSQL, MongoDB
Software & Others:	Docker Swarmpit, AWS(lightsail,ec2,lambda), Git, Redis, Jenkins, Jira, Bamboo, Heroku