Alican Dönmez

Fullstack Developer with Python

SKILLS

Python	7+ yrs
FastAPI	2+ yrs
Django	5+ yrs
Flask	2+ yrs
AWS	3+ yrs
HTML/CSS	4+ yrs
JS/React/Redux	2+ yrs

CONTACT

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https://pythonflow.com

PROFILE

Experienced Python Developer with a strong background in building scalable backend systems, serverless architectures, and full-stack applications across banking, cybersecurity, aviation, and healthcare domains.

Lead and mentor teams, conduct code reviews, and champion best practices.

Highly proficient in Python and its modern frameworks, AWS, Kafka, and cloud-native tooling, delivering secure, high-performance solutions.

WORK EXPERIENCE

Senior Python Developer — May 25 - Dec 25

HSBC

Led a team of four engineers and acted as the project owner, overseeing sprint planning, task distribution, and code reviews. Additionally managed automation of IBM product installations, developed REST APIs with FastAPI, and maintained CI/CD pipelines using Jenkins for deployments on Red Hat Linux servers.

- Python/FastAPI
- Jenkins, Linux Red Hat, IBM Instana, Graphana, Sonatype Nexus Repository

Full Stack Developer with Python — Jan 17 - May 25

SNI

Built web applications related to recruitment/consulting. Created dynamic web pages using Django framework and integrated with PostgreSQL database. Used Docker for containerization and Git for version control.

- Python/Django, PostgreSQL, Docker
- HTML5/CSS3/Bootstrap4, AJAX, jQuery

Senior Python/AWS Developer — Sep 24 - Jan 25

Proofpoint

Worked on email cybersecurity solutions at Proofpoint, handling systems that processed millions of data records, creating asynchronous serverless applications using Python/asyncio and integrating with Kafka for message processing. Leveraged various AWS services for data storage, processing, and monitoring.

- Python/asyncio, Kafka
- AWS[Boto3, Lambda, S3, DynamoDB, Athena, Glue, CloudWatch]

CERTIFICATIONS

CS50x: Introduction to Computer Science

Harvard University (edX)
✔ Certificate[click here]

An entry-level course about the computer science and programming. Topics covered include algorithms, data structures, software engineering, web development and more. Languages used were C, Python, SQL and JavaScript.

MITx: Introduction to Computer Science and Programming Using Python

MIT (edX)
✔ Certificate[click here]

An introductory course to computer science and programming using Python. Topics covered include programming concepts, data structures, algorithms, and problem-solving techniques.

Comptia Security+

CompTIA
A certification that validates foundational skills in IT security, including network security, threat management, cryptography, identity management, and risk mitigation.

EDUCATION

2009 - 2014

Economics Bachelor's Degree
Anadolu University

Eskisehir/TURKIYE

Python/AWS Developer — May 24 - Jul 24
Distributed

Worked on flight automation system for airport towers. Developed serverless applications using AWS Lambda and integrated with various AWS services for data storage and processing.

- Python
- AWS[Boto3, Lambda, S3, DynamoDB, CloudWatch, EC2, AWS Workspaces]

Senior Python Developer — Mar 23 - Dec 23
Nordea Bank

Worked on a new modelling system of NordeaBank, created Docker containers for applications and deployed them on Kubernetes clusters.

- Python, Docker, Kubernetes, Linux Ubuntu

Senior Python/AWS Developer — May 22 - Nov 22
TUI

Led and mentored junior developers by providing technical guidance, conducting thorough code reviews, and ensuring best practices across the team. Developed and maintained TUI's customer feedback microservice.

- Python
- AWS[Boto3, Lambda, S3, RDS(Postgres), API Gateway, DynamoDB, CloudWatch]

Senior Python/AWS Developer — Nov 21 - May 22
MERCK

Led and mentored junior developers via code reviews and best-practice coaching, elevating code quality. Delivered a medicine generation system and REST APIs (FastAPI), used Pandas/NumPy for analysis, leveraged AWS for storage/processing/monitoring, and mitigated SQL injection risks.

- Python/FastAPI/Pandas/Numpy
- AWS[Boto3, Lambda, Step Functions, EventBridge, RDS, S3, DynamoDB, CloudWatch]

Full Stack Developer — May 20 - Nov 21
GAMALON

Worked on AI-powered chatbot application: Flask REST APIs with PostgreSQL, a React/Redux UI, Dockerized.

- Python/Flask, PostgreSQL, Docker
- HTML/CSS/JS, React/Redux

Full Stack Developer — Jan 19 - Feb 20
SolvencyAnalytics

Worked on a regulatory reporting app for insurance companies: Increased application performance by paginating the backend, optimizing database queries and implementing caching mechanisms, resulting in a 50% reduction in response time.

OTHER PROJECTS

Moody Facebook Chatbot

Facebook chatbot that it's mood changes based on the chat with user. Responds with current mood level with a command. Built with Python, Flask, Facebook webhooks, and deployed on Heroku. Utilizes IBM Watson Sentiment analyzes API.

Personal Yoga Website with CMS

The project[click here]

A personal yoga website with a custom content management system (CMS) built using Django framework. Features include video display, blog posts, and contact forms.

- Python/Flask/SQLAlchemy/Alembic/Marshmallow, PostgreSQL, Docker
- AWS[Boto3, Lambda, S3, Step Functions, CloudFormation, CloudWatch, EventBridge]
- HTML/CSS/JS, React/Redux

Frontend Developer — Jul 19 - Oct 19
Flexpat

Worked on a web application for organizing travel trips for freelancers. Developed dynamic web pages using React/Redux and used Git for version control. Communicated with stakeholders for requirements gathering and feedback.

- HTML/CSS/JS, React/Redux

Senior Technical Support Engineer — Jun 18 - Jun 19
Symantec

Supported Symantec DLP(Data Loss Prevention): triaged complex Linux/Windows incidents, analyzed logs, and automated workflows with Bash/Python; managed client communications and updates. Earned CompTIA Security+.

- Linux, Windows, Networking, Scripting(Bash, Python), Incident Management, Log Analysis

Software Developer — Mar 17 - Jun 18
IQVIA

Developed and maintained a healthcare CMS: Created mobile app features using Xamarin, designed database schemas, and implemented business logic with an in-house programming language.

- In-house programming language (JS/C# mix), Xamarin, SQL, Oracle DB

Data Analyst — May 15 - Mar 17
Accenture

Analyse data and make decisions according to the defined client policies.

Business Development Specialist — Nov 14 - May 15
Sell Action/CISCO

Lead generation campaigns for behalf of Cisco Partners.