STAN FATEEV

Software Engineer

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A software engineer with over 10 years of experience in creating scalable, high-performing software solutions, specialising in AI technologies, cloud computing, and proficient in Python, JavaScript, and GoLang. Leading the design and implementation of innovative projects across a range of sizes, from small startups with a team size of just 5 to a global corporation employing over 200,000 people internationally. Skilled at both individual work and contributing within a team, ensuring a cohesive and cooperative atmosphere.

EMPLOYMENT

Senior Software Engineer, Satalia — London, United Kingdom — 08/2023 – Present
cutting-edge AI solutions

- Engaged in a high-impact project in the marketing industry, subject to a non-disclosure agreement, focusing on **cloud software development (AWS)** and **Generative AI** to drive significant advancements in innovation.

Senior Software Engineer, Attraqt — London, United Kingdom — 11/2022 – 08/2023
leading provider of SaaS product discovery solutions, acquired by Crownpeak

- Led a migration of **the micro-service app** with a large code base (tech. stack: JavaScript, React, Java, Python, Celery, FastAPI, Docker) from AWS to GCP, optimising service usage and reducing cloud costs by 40%.
- Established logging and metrics **dashboards on GCP**, enhancing visibility and monitoring capabilities.
- Optimised **the performance** of various Python services by implementing effective algorithms (NumPy), leading to 25% improvements in application responsiveness and resource use.
- Designed and implemented a **deployment system** (GitHub Actions, Jenkins, docker-compose), automating and simplifying deployment processes, speeding up the deployment by 30%.

Senior Software Engineer, Traverz AG — Zürich, Switzerland — 11/2018 – 11/2022
AI-driven conversational interfaces for product discovery, acquired by Attraqt

- **Led development** of the service (Python, JavaScript, Flask, FastAPI) and web-based user interface (React) for intent recognition and entity extraction, which could handle ~50,000 named entities in real time using **advanced algorithms and natural language processing** (SciPy, NumPy, SpaCy). Implemented integration with 10+ third-party APIs, e-commerce solutions (Shopify, Magento), and messaging platforms (WhatsApp, Telegram, Facebook Messenger)
- Developed an asynchronous service that collected 30+ metrics from the browser during the user session and dynamically adjusted the behaviour of the "virtual agent" to enhance the user experience (over 90% of users reported positive feedback).
- Created the ETL pipeline (Celery, Postgres) that could efficiently process 300,000 SKUs on time and with 99.9% accuracy.
- Designed and executed technical blueprint, including diagrams and documentation; provided instructions to the business and team members on system design, deployment, and maintenance (Miro, Confluence). Performing **onboarding and candidate application reviews**.

That **led to the acquisition** of Traverz IP in November 2022.

Software Engineer Contractor, Self-Employed — Worldwide — 06/2018 – 11/2018
various projects

- Delivered **full-stack development solutions** across various sectors (sports, health, and media), which enabled the client **to secure $150,000 in funding** from UNICEF for an innovative start-up project.

Senior Software Engineer, Magia.Ai — Silicon Valley, California, USA — 07/2017 – 06/2018
AI-powered personal shopping assistant platform

- Developed virtual sales agent for consumer products (10k products) (Python, PostgreSQL) using custom **NLU solution** combining deep learning and sales psychology (SpaCy, NumPy, SciPy)
- Deployed across multiple retailers, which enhanced customer engagement by 40%, including a **$4B wine retailer** and reached over **120,000 MAUs**

Software Engineer Contractor, Self-Employed — Worldwide — 12/2012 – 07/2017
various projects. More details on specific projects and achievements are available upon request.

- Multiple projects of different complexity using mainly **Python** and **JavaScript**. Application development, team collaboration, and problem resolution.

RECENT CERTIFICATIONS

Amazon Web Solutions (AWS)
AWS Certified Solutions Architect – Associate — 12/2023
AWS Certified Cloud Practitioner — 12/2023

PATENTS

WO2022171272A1 - Computerized methods for enabling users to gradually interact with a database associating items with features — https://patents.google.com/patent/WO2022171272A1/

SKILLS

Amazon Web Services, Cloud Computing, Cloud Applications, Python, FastAPI, Flask, Django, JavaScript, React, Docker, Celery, Apache Kafka, Machine Learning, NumPy, SciPy, Pandas, Natural Language Processing, SpaCy, NLTK, GCP, LLMs, OpenAPI, Langchain, GraphQL, SQL Databases, MySQL, PostgreSQL, NoSQL, MongoDB, Git, Bash, Linux, Nginx, Jenkins, GitHub Actions