Moritz Tomasi, Full-Stack Developer

A full-stack developer with strong experience in front-end and back-end development, a variety of coding languages, frameworks, and technologies. A good communicator and a team player. Always willing to face new challenges and highly self-motivated.

CONTACT

🪪 Lerchenfelderstrasse 129/4, 1070 Wien	🔗 Moritz Tomasi
📞 +43 650 72 72 959	🔗 moritztomasi
✉ tomasi.moritz@gmail.com	🔗 @MoritzTomasi
🔗 momasi.dev	

WORK EXPERIENCE

FINDHEIM

Co-founder & Full-Stack Developer | 📍 Vienna | Jul. 2018 - Currently

In 2018 I co-founded Findheim, a real-estate matching platform for properties to buy in Vienna. While my focus laid on the conceptualization, implementation and maintenance of back-end services, I also developed front-end features for users and internal tools:

- Back-end stack: NodeJS, Typescript, Python, PostgreSQL, Elasticsearch, Redis.
- Front-end stack: HTML, CSS, TailwindCSS, Javascript, VueJS (NuxtJS), StimulusJS, Turbolinks, PugJS.
- Conceptualization of a data pipeline for real-estate data that would process 80,000+ real-estate ads per day.
- Conceptualization, implementation and maintenance of a data extraction service in a web-crawler that would extract data from crawled real-estate pages. Implemented using Python, Scrapy and semantic text analysis.
- Conceptualization, implementation and maintenance of a geocoding service using TomTom Multinet data, NodeJS, Typescript, PostgreSQL and PostGIS.
- Conceptualization, implementation and maintenance of a real-estate recommender system built with Elasticsearch.
- Helped create and implement code quality standards by introducing code review processes, refactoring processes and code metrics.
- Lead technical product management and implemented a product management process based on Basecamps book "Shape Up". Managed and maintained planning tools like Trello and Notion.

ZOOMSQUARE

Full-Stack Developer | 📍 Vienna | Nov. 2015 - Jul. 2018

I worked as a full-time employee in a team of eight developers, focusing on both front-end and back-end:

- Back-end stack: NodeJS, Coffeescript, Typescript, Python, Java, PostgreSQL, MongoDB, Elasticsearch, Redis.
- Front-end stack: HTML, CSS, Bootstrap, Javascript, Angular.
- Developed and maintained RESTful APIs in both NodeJS (ExpressJS) and Python (Django, Tornado), that delivered and processed data from Elasticsearch and PostgreSQL.
- Conceptualized, implemented and maintained an image-caching service for large amounts of data.
- Developed an image-matching service with Python and OpenCV.
- Worked on user-facing front-end features and internal tooling with Angular and Bootstrap. Focus on mobile responsiveness and user experience.
- Developed various metrics with Prometheus, Grafana and Kibana.

TECHNICAL UNIVERSITY OF VIENNA

Computer Science and Visual Computing Bachelor | 2009 - 2015

Bachelor thesis and internship at the Institute for Interactive Media Systems on the subject "Clickless Smartphone Text Translator and Enricher". Developed an android app and web-service to extract, translate and enrich text from images, using Android SDK, Python and TesseractOCR.

REALGYMNASIUM PETER ANICH, BOZEN

General Knowledge Matura | 2004 - 2009

COMPETENCIES

- NodeJS, Python
- Javascript, Typescript
- VueJS, NuxtJS
- Elasticsearch, PostgreSQL, Redis, MongoDB
- GIS (PostGIS, QGIS)
- AWS (ECS, SQS), Docker, elastic.co
- Machine Learning, Computer Vision

LANGUAGES

- German (mother tongue)
- English (fluent)
- Italian (fluent)