Pascal Crenzin

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paszin.github.io
* 12/18/1993

Software Engineering is more than just programming for me. It is enthusiasm, creativity and the ambition to tackle not only technical challenges but also solving real-world problems and drive the development within teams. As a Master's graduate in IT-Systems Engineering with years of practical experience, I bring a solid foundation in technical expertise, analytical skills, and leadership experience to effectively coordinate teams and deliver innovative IT solutions.

WORK EXPERIENCE

FENISKA GmbH, Berlin — *Lead Developer*

Startup for smart home products for pet healthcare — SINCE 03/2022

// Developing firmware, backend, mobile app, data processing pipelines
// Planning, implementing, and maintaining
   of an event-driven architecture build on AWS
// Guiding the product developer team

THULLEX GmbH, Berlin — Founding Engineer

Startup for hardware and software product around digitalization in the fashion industry — 10/2016 - 01/2022

// Building up and leading the development department
// Creating highly customized products around 3D-scanning applications
// Rolling-out of 3D-scanners for human bodies, feets, and garments

SAP LABS INNOVATION CENTER, Palo Alto — *Intern*

Small self-organized teams for internal projects & showcases — 10/2015 - 09/2016

// Implementing automated CV parsing and job fit score calculation with Machine Learning & NLP

CIMT OBJECTS AG, Berlin — *Working student*

Mid-size consulting company — 08/2014 - 10/2015

// Implementing Data Anonymization Tools

EDUCATION

HASSO PLATTNER INSTITUTE, Potsdam
Master of Science in IT-Systems Engineering

10/2017 - 02/2022

// Focus: Human Centered Design, Data Visualization, Leadership Skills
// Global Team-based Innovation
   (One-year course of applying Design Thinking.
// Master Thesis: A Recommendation System for Visualizing Sensor Data

HASSO PLATTNER INSTITUTE, Potsdam
Bachelor of Science in IT-Systems Engineering

10/2012 - 07/2015

// Focus: Human Computer Interaction, Database Systems

SKILLS

Collaboration:
Agile-Development,
Design Thinking,
Public Speaking,
Test-Driven-Development,
Scrum, Moderation and
leading meetings

Data Science:
Python, (jupyter, pandas),
Machine Learning, Linear
Programming (with AMPL)

Frontend:
Javascript/ Typescript
(ReactJS, react native, VueJS,
expo)

Backend:
Python, (using Flask, chalice)
SQL (using Postgres, SAP
HANA), NoSQL Databases
(using DynamoDB),
Javascript/ Typescript
(NodeJS)

DevOps:
Amazon Web Services (using
Lambda, IoT Core, S3, SNS,
SQS), Linux, Serverless,
docker, Continuous
Integration (using GitHub
Actions)

LANGUAGES

German (first language)
English (fluent)