Dipl. Ing. Matthias Klan

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Recent Professional Experience

Senior Software-Engineer, employee at Dynatrace

from June 2022

- App-Toolkit to create, develop and deploy Apps (React, Deno, Node.js)
- Visual Studio Code extension for creating Dynatrace Apps (React, TypeScript)

Senior Software-Engineer

Software-Engineer, employee at Anyline GmbH

January - June 2022 November 2018 - December 2021

• Responsible for storing/structuring/retrieving a steady growing db of millions new images/day, which are piped through ml ocr processes.

Vienna, Austria

- Responsible for the core-backend design and implementation (NestJS)
- Responsible for the ocr js SDK development/releases (TypeScript, wasm)

Software-Engineer, co-founder of Apollon OG

June 2019 - August 2020

 Architect/dev of MedTech streamlining oncology processes in hospitals (GCP, Kubernetes, Node.js, GraphQL, React) Vienna, Austria

DevOps/Software-Engineer, employee at EODC GmbH

May - November 2018

• Deployment of services processing ESA's satelite EO data (Docker, OpenShift)

Vienna, Austria

 Bootstrapped a platform to market and consume said services in a centralized way (React, Node.js, GraphQL, Postgres, Stripe, Keycloak)

Web-Developer, employee at ViewAR GmbH

November 2016 - May 2018

• Introduced React and refactored the old AngularJS codebase into a component based template engine

Vienna, Austria

- Developed a p2p-framework for mirroring 3D models + camera feed (WebGL, WebRTC, ViewAR SDK)
- Developed an editor for 3D app assets (React, WebGL)

Rest of past experience on Linkedin

Education

Master of Science - Media Informatics

 $June\ 2018$

Universität Wien (Thesis: Rnd of a cloud video object tracker [Vue.js, Docker, RabbitMQ, OpenCV])

Bachelor of Science - Media Informatics

October 2013

Technische Hochschule Mittelhessen (Thesis: Rnd of a Shopfront-Editor [backbonejs])

Skills

Responsive Web-Apps (TypeScript, React, Vue, Svelte, Electron, WebRTC, WebGL)

Distributed Web-Services (Node.js, NestJS, Python, AMQP, CQRS, Redis, SQL/NoSQL, data warehouse)

API Design (REST, GraphQL, openAPI, oAuth2)

Testing (Jest, Puppeteer, device farms)

Deployment (GCP, AWS, Docker/Kubernetes, CI/CD, serverless, edge computing)

Misc (cli-apps, data migration, UI/UX design, mentoring)

Advocate of: Functional/reactive programming, QA/test-automation, microservice architecture, event sourcing, small + frequent releases