Dipl. Ing. Matthias Klan

matthias.klan@gmail.com • https://klanm.at

Education

Master of Science - Media Informatics　　　　　　　　　　　　　　　*June 2018*
Universität Wien (Thesis: Object Tracking in the Cloud)

Bachelor of Science - Media Informatics　　　　　　　　　　　　　*October 2013*
Technische Hochschule Mittelhessen (Thesis: Webapp using backbone.js)

Professional Experience

Software-Engineer, *founder of Apollon UG*　　　　　　　　　　　*From June 2019*
MedTech to manage cancer treatment processes

Web-Engineer, *employee at Anyline GmbH*　　　　　　　　　*From November 2018*
Designing / developing tools and services for ocr workflows

DevOps/Software-Engineer, *employee at EODC GmbH*　　　　*May – November 2018*
Deploying / developing earth-observation services

App-/Web-Developer, *employee at ViewAR GmbH*　　　*November 2016 – May 2018*
AR and VR apps driven by the ViewAR SDK using React

Web-Developer, *freelancer at Immowire UG*　　　　　　*July 2014 – October 2015*
Social-Network for real estate using Angular, Node and OrientDB

Web-Developer, *internship at Shopgate GmbH*　　　　*March – September 2013*
Backend-Development for Mobile-Commerce using CakePHP

Skills

Responsive Single Page Applications (*React, Electron, WebRTC, WebSocket*) Distributed WebServices (*nodeJS, AMQP, Redis, SQL/NoSQL, Data-Warehouse, Buckets*) API Design / Security / Provisioning (*GraphQL, REST, oAuth2, apigee, openAPI*) Deployment (*Docker/Kubernetes, CI/CD, Serverless*) Testing (*Jest, Puppeteer*) Other: (*WebGL, cli-apps, data-migrations, 3d-modelling, UI/UX design*) **Advocate of:** Functional Programming, Reactive Programming, QA / Testautomation, Microservice Architecture, Continuous Integration, Continuous Delivery, Documentation

Current research: D-Apps, Event sourcing