Dipl. Ing. Matthias Klan

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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, *co-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

Tech:
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, teaching, mentoring, planning*)
Advocate of: Functional Programming, Reactive Programming, QA / Testautomation, Microservice Architecture, Continuous Integration, Continuous Delivery, Documentation

Current research: D-Apps, Event sourcing