

Dr. Marc Palm

Freelance Software Engineer

Architecting, building and maintaining large scale software applications

References: <https://www.linkedin.com/in/marc-palm>



Meet some of my clients:



Contact

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Focus

TypeScript/NodeJS (5+ years)

ReactJS/JavaScript (8+ years)

AWS (5+ years)

Docker/Kubernetes (5+ years)

DevOps/CICD/IaC (5+ years)

Lead Developer (4+ years)

QA automation (5+ years)

IT architecture (3+ years)

Experienced with¹

Java, Scala, Kotlin, C#/.Net, Python.

AngularJS, VueJS.

Most SQL databases, MongoDB, Kafka, Nginx, Solr.

Cloudflare, Fastly, Firebase, Google Cloud, Azure, Hetzner, Digital Ocean.

Education

PhD in Mathematics

MSc in AI/Computer Science

(see details below)

Languages

German & English

¹ I have maintained and extended large applications based on those technologies, usually in the range from 6 months up to two years.

SELECTED PROJECTS & REFERENCES

Immowelt, Hamburg— *Lead Software Engineer*

October 2021 - June 2023

- Technical Lead for up to 10 developers
- Teaching AWS knowledge
- Maintenance of C# legacy code
- AWS Serverless Architecture
- Migration to AWS Lambda and Typescript
- Interim product owner

NodeJS, Typescript, C#, Monorepo, React, VueJS, AWS CDK, Terraform, AWS Lambda, SQS, SNS, MSK, Kafka, DynamoDB, DevOps, CICD, QA Automation, Docker, GitHub Actions, CircleCI, Gitlab, Datadog.



Maxime Legendre · 1.

Head of Product Management @ AVIV

8. Juli 2023, Maxime Legendre war Kund:in von Dr. Marc Palm.

Marc was in my team for one year.

I must say, he is an asset.

At first, he is very skilled in software engineering and solve issues with elegant solutions without creating complexity.

Moreover, he has leadership skills. He is able to unlock situation by motivating teams and he adapts himself to other people to help them.

I hope to work again with him in the future.

Mediamarkt/Saturn, München— *Full Stack Software Engineer*

April 2021 - September 2021

- Feature development in the checkout process (React)
- GraphQL Backend in Typescript
- Improving DevX & CICD in a large monorepo
- Improving page performance

React, NodeJS, Express, Typescript, GraphQL, Jest, Docker, GitHub

Actions, Lighthouse.

Jimdo.com, Hamburg — Lead Software Engineer

May 2019 - October 2020

- Lead Engineer and PM for relaunch of jimdo.com (React/Gatsby)
- Teaching React and Docker
- SEO migration, Rearchitecting & deploying infrastructure for jimdo.com (Docker/Nginx/Fastly)
- Web Performance optimization (95+ Lighthouse score)
- Integration of an affiliate marketing solution with (Kotlin/AWS)
- Architecting an AB Testing strategy and implementation (React)
- Running experiments for increasing conversion and retention

React, Redux, Gatsby, TypeScript, NodeJS, Kotlin, Python, PHP, AWS, Terraform, Docker, Kubernetes-like Platform, Impact Affiliate Software, Fastly CDN, Nginx, Travis CI, SQL, Cypress, Puppeteer, Logz.io, WordPress API, Express, GraphQL.



Matthias Henze · 1.

Co-Founder & CEO at Jimdo

8. Oktober 2020, Matthias Henze war Kund:in von Dr. Marc Palm.

Marc is an outstanding engineer and consultant with a strong business mindset, exceptional work ethics, and an extensive background. We could throw him at any problem. He always delivers. He understands your vision, commits fully, and picks sustainable trade-offs wisely. He stepped in as a lead during the relaunch of jimdo.com, integrated a new affiliation system, and shaped how we run experiments at Jimdo. He is the ideal fit when you need to deliver something very challenging on a tight deadline.

Freenet, Hamburg — AWS Consultant

October 2018 - August 2019

- Launch of Freenet Funk
- API development: GraphQL and REST
- CI/CD with Codebuild and Cloudformation
- Teaching development with AWS and the serverless framework

NodeJS, Serverless Framework, Express, TypeScript, GraphQL, AWS Lambda, AWS Codebuild, DynamoDB, Cloudformation, SQS, Cognito.

Testless.com — *Founder*

May 2018 - December 2019

Startup (discontinued)

- QA Automation platform
- Frontend: Browser Extensions & desktop apps
- Backend: Scheduled runs on Kubernetes/Google Cloud

Google Cloud, Kubernetes, Helm, React, Docker, NodeJS, Electron, Typescript, Puppeteer, Nginx, Express, Redux.

Ergo, Berlin — *Lead Software Engineer*

December 2017 - May 2018

- Maintenance of several Kubernetes Cluster in AWS
- Feature development for various client-facing web apps
- CI Migration from CircleCI to Jenkins/BlueOcean
- Interim product owner

Kubernetes, AWS, React, Redux, NodeJS, MongoDB, Docker, CircleCI, Nginx, Jenkins, Express, Hapi.

Douglas, Düsseldorf — *Full Stack Software Engineer*

January 2017 - May 2018

- Extending a Scala/Java based backend application
- Building UI components in React
- Migrating the article detail page to React
- Java/Selenium for QA automation

React, Scala, Java, Play Framework, Docker, Selenium, Webdriver, Express, Cucumber, Nginx, Unix, CICD, Atlassian.



Artem Linden · 1.

Product Owner New Build Projects at immowelt

7. März 2021, Artem Linden war direkte:r Vorgesetzte:r von Dr. Marc Palm.

Marc joined my team at Douglas during a critical phase. Quickly up to speed, he was a huge relief & motivation for the whole team and especially for me as a product owner. He is easily one of the most versatile and efficient developers I had the pleasure to work with. Initially hired as a React expert, he soon also shipped backend code and automated our browser tests. Excellent product understanding. Very well-rounded. Entrepreneurial. Fun & easy to work with. Would love to work with him on the next project.

ALD Automotive, Hamburg — Full Stack Software Engineer

March 2016 - October 2016

Managing client-facing web applications and their REST APIs.

- C#/.Net Rest applications with Oracle SQL
- React Frontend Applications

C#, React, Redux, Azure, Windows Server, Oracle SQL, Material design, Google Maps, CSS, HTML, Git.

UKE, Hamburg — Full Stack Software Engineer

October 2014 - March 2016

- Relaunch of uke.de - one of the largest European hospitals
- CMS development with FirstSpirit, Angular and Java
- Search application based on Solr/Java

Java, FirstSpirit, JavaScript, Angular, Oracle SQL, Unix, SVN, CSS, HTML, Apache Solr.

EDUCATION

FU Hagen — Master of Science

2014 - 2017

Artificial intelligence, Cryptography, Scala.

Georg-August-Universität Göttingen — Dr.rer.nat.

2009 - 2012

Pure Mathematics, Number theory.

Virginia Tech, Blacksburg (USA) — Master of Science

2008 - 2009

Pure Mathematics, Mathematical Physics, Algebra.

Universität Trier — Diplom

2005 - 2008

Applied Mathematics, Numerical Optimization, Financial Mathematics, Computer Science, Java.

HOBBIES & INTERESTS:

I like to read broadly & listen to podcasts - often science/tech related or biographies.

I cook and workout regularly. I spend my weekend with friends or code on some small startup ideas.