TOBIAS WUPPERFELD

ACADEMIC EDUCATION

RWTH AACHEN UNIVERSITY
B.S. Engineering and Management

Graduated in September 2018

SKILLSET

Solid Experience:

TypeScript ▪ React
Software Testing ▪ REST APIs
GraphQL ▪ SQL ▪ HTML ▪ CSS

Basic Knowledge:

NodeJS ▪ PostgreSQL ▪ Python
Microservice architecture
UI & UX Design

ABOUT ME

Languages:

German: Native
English: C2
Spanish: A2

INDUSTRY INSIGHTS

Medical Technology
Plant Engineering
Mobility
Logistics
Real Estate
Software Engineering
Procurement
Online-Marketing
Nonprofit Organizations
Artificial Intelligence
Blockchain Technology

ACCOMPLISHMENTS

Implemented interactive state-of-the-art analytics dashboards spanning various categories. These dashboards empower companies with real-time insights, facilitating informed decisions in day-to-day procurement activities. Contributed significantly to frontend development at SAP using TypeScript and React, creating visually appealing, user-friendly interfaces aligned with design mocks. Demonstrated proficiency in seamlessly integrating RESTful and GraphQL APIs into applications, enhancing data communication and application functionality. Prioritized software reliability by crafting comprehensive software tests using Jest and Cypress, ensuring a stable codebase and minimizing potential issues. Additionally, led the end-to-end design and project planning for a web app.

PROFESSIONAL EXPERIENCE

FULLSTACK ENGINEER | PROCURE.AI LTD
08.2022 – 07.2023 | London, UK (remote) | contract

Worked on an augmented procurement platform
- Frontend development with React and Typescript
- Developed data widgets for dashboards utilizing Cubejs and GraphQL endpoints
- Contributed to Python and Nestjs services
- Leveraged material-ui to extend the internal UI-kit with storybook
- Customized Apache Superset dashboards to meet specific requirements
- Optimized deployment pipelines running on GitLab
- Managed a microservice architecture using AWS, Terraform, Docker, and Kubernetes
- Addressed technical debt and resolved critical bugs, improving platform stability

FRONTEND ENGINEER | SAP SE
11.2020 – 05.2022 | Walldorf, Germany (remote) | full-time

Worked on a content-management web application for internal marketing and sales teams with thousands of users
- Functional programming with TypeScript and React
- Test-driven development with Jest/RTL
- Developed modern UIs with HTML and CSS/JSS
- Consumed REST APIs with Axios and React Query
- Extensive code reviewing, bug fixing, and refactoring
- Refined and estimated backlog items in JIRA
- Fully remote working following the SCRUM guidelines
- Acquired industry-specific know-how of SAP products and processes

FULLSTACK ENGINEER | FURTHER EDUCATION
08.2019 – 10.2020 | remote | freelance

- Self-taught modern programming concepts and languages (JavaScript, ReactJS and NodeJS)
- Co-founded and built up a podcast about real estate investments which grew to over 10,000 followers while being responsible for web development and online marketing
- Applied acquired knowledge in demo projects
- Designed and developed WordPress websites