

# 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

## ABOUT ME

Languages:

German: Native  
English: Fluent  
Spanish: Basic

## INDUSTRY KNOWLEDGE

Medical Technology  
Plant Engineering  
Mobility  
Logistics  
Real Estate  
Software Engineering  
Procurement  
Artificial Intelligence  
Blockchain Technology

## 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

### PROJECT ENGINEER | LACKNER.PM

02.2019 – 07.2019 | Cologne, Germany | full-time

- Planned and controlled projects for well-known customers in plant engineering and mobility
- Scheduled projects with Microsoft Project and Oracle Primavera
- Developed concepts for earned value determinations, progress measurements and automated milestone trend analysis
- Planned, organized and executed workshops

### PROJECT MANAGEMENT & ENGINEERING | SHL GROUP

10.2016 – 03.2017 | Taoyuan, Taiwan | full-time

- Participated in fully automated assembly machine projects
- Defined challenge samples and investigated root causes
- Planned a detailed customer project timeline
- Improved the customer feedback process
- Mapped project management skillsets