

Marcus Jan Almert

Full-Stack Software Developer with Frontend Focus | Software Architect | Senior IT Consultant



Address

Marcus Jan Almert
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Email

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Focus Areas

Full-stack development with
frontend focus
Software architecture
Testing
IT security

Certificates

Professional Scrum Master I
(PSM I)
ISAOB Certified Professional
for Software Architecture
(CPSA-F)

Languages

German: Native language
English: C1

PROFILE

Software developer and software architect with broad experience in frontend and backend development using TypeScript, JavaScript, React, Python, C++, and Java. Experienced in agile product development, cloud-based systems, testing, and IT security in customer-oriented projects in the public sector, automotive environment, and university research context.

PROFESSIONAL EXPERIENCE

CGI Deutschland B.V. & Co. KG – Senior IT Consultant (full-time)

03/2024–present

Software Architect

ELECTRONIC LEGISLATIVE PLATFORM OF THE GERMAN BUNDESTAG

- **Senior Frontend Developer** (03/2024–12/2024)
 - Frontend development for the electronic legislative platform of the German Bundestag using TypeScript and React
 - Implementation of generic components
 - Implementation of accessibility in accordance with BITV 2.0
 - Setup and maintenance of unit, integration, accessibility, and E2E tests with Selenium, Nightwatch, and Axe-core
- **Frontend Lead Developer** (01/2025–02/2026)
 - Technical leadership in the frontend
 - Implementation of complex features and technical proof-of-concept work
 - Point of contact for frontend and integration topics within the project
 - Collaboration with the UI/UX team
 - Work on cross-team technical topics
 - Adjustments to REST APIs and collaboration with the backend team
- **Software Architect** (03/2026–present)
 - Architecture work in frontend, backend, and test automation
 - Presentation of domain and technical topics to customers and stakeholders
 - Requirements engineering, technical consulting, and coordination with customers and stakeholders
 - Authoring of technical documentation and reports
 - Development and documentation of architecture decisions, principles, and guidelines according to arc42

01/2023–03/2024

Senior Frontend Developer

AUTOMOTIVE PROJECT

- Development of a data explorer and visualization application with React & TypeScript in a microservice architecture on AWS
- Responsibility for frontend architecture and implementation, as well as integration of an AWS-based backend with Python and REST APIs using S3, Lambda, API Gateway, and DynamoDB
- Setup of AWS CI/CD pipelines with CodeCommit, CodeBuild, and CodePipeline
- Requirements engineering, technical consulting, customer coordination, and presentation

Bauhaus University Weimar – Student Research Assistant (part-time)

12/2021–04/2024

Software Developer / Server Admin

CHAIR OF INFORMATION SECURITY AND CRYPTOGRAPHY

- Development of internal tools and applications
- Maintenance of the chair website
- Administration of chair servers based on Proxmox and Kubernetes
- Implementation of cryptography reference implementations in C++

10/2021–04/2024

Software Developer / Architect

CHAIR OF INFORMATION SECURITY AND CRYPTOGRAPHY / CHAIR OF ALGORITHM ENGINEERING

- Software architecture, technical conception, and development in projects in the IT security field
- Leadership of student project teams

10/2021–04/2022

Tutor / Teaching Assistant

CHAIR OF INTELLIGENT SOFTWARE SYSTEMS

- Support for software engineering and programming lectures in Python, Java, and C++
- Development of exercises, sample solutions, and corrections

EDUCATION

**M.Sc. Computer Science for
Digital Media**

BAUHAUS UNIVERSITY WEIMAR
2023 to expected 10/2026 (part-
time)

B.Sc. Media Informatics

BAUHAUS UNIVERSITY WEIMAR
2018 to 2023

CORE COMPETENCIES

Frontend	React, TypeScript, JavaScript, HTML, CSS, LESS, accessibility
Backend	Python, Java, Spring Boot, C++, Node.js, REST APIs
Testing	Jest, Vitest, Selenium, Nightwatch, Axe-core, PyTest, JUnit, Catch2
DevOps	AWS, Docker, Linux, Jenkins, Git, CI/CD, SonarQube

CERTIFICATES

PSM I Professional Scrum Master I

CPSA-F Certified Professional for Software Architecture

LANGUAGES

German	Native language
English	C1