WISDOM EMMANUEL PRAISE

Senior Frontend Engineer | Frontend Platform & Architecture

React · Vue 3 · TypeScript · Micro-Frontends · Design Systems · Web Performance · Agentic AI & MCP

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with **7+ years building B2B web applications**, micro-frontends, and UI platforms. Drives frontend architecture across distributed **Agile/Scrum** teams through **ADRs**, builds design systems, partners with designers to turn **Figma designs into responsive, accessible UI**, runs technical hiring and code review, and have shipped production **Agentic AI/LLM features** using LangChain and MCP. Deep hands-on experience in **React, Vue 3, and TypeScript**, focused on performance, **accessibility (WCAG 2.2 AA, BFSG)**, and developer tooling.

CORE TECHNICAL SKILLS

Languages	TypeScript, JavaScript (ES6+), HTML5, CSS3, Sass, Python
Frameworks & UI	React, Vue 3, Next.js, Nuxt.js, Angular, Node.js, Tailwind CSS, MUI, Styled Components, Three.js (TresJS), D3.js, i18n, Responsive Design
Architecture & State	Micro-Frontends, Import Maps, Monorepos (Nx, Lerna, Turbo), Design Systems, Zustand, Pinia, Redux Toolkit, TanStack Query, GraphQL, gRPC, WebSockets
Performance & A11y	Core Web Vitals, Bundle Optimization (Vite, Webpack), Code Splitting, Lazy Loading, Memoization, Lighthouse Audits, Performance Profiling, WCAG 2.2 AA, EN 301 549, BFSG / BITV 2.0
Quality & Process	Jest, Vitest, React Testing Library, Cypress, Playwright, Test-Driven Development (TDD), Code review leadership, Agile / Scrum
DevOps & Tooling	GitHub Actions, GitLab CI/CD, Docker, AWS (S3, CloudFront, Lambda), Vercel, Netlify, Sentry, Storybook, Figma, Git, Jira, Confluence
Agentic AI & LLMs	LangChain, LangGraph, OpenAI API, Model Context Protocol (MCP), Tool / Function Calling, Multi-Step LLM Agents

PROFESSIONAL EXPERIENCE

Senior Frontend Engineer | **Censhare GmbH**, Munich, Germany **Aug 2025 – Present**

Enterprise digital asset management and omnichannel publishing platform, used by ecommerce, retail and media brands.

Tech Stack: *React, TypeScript, Angular, Import Maps, Micro-Frontends, Design Tokens, Monorepo (Lerna, Nx), TanStack Router, React Query, Zustand, WebSocket, REST APIs, Docker, GitLab CI/CD Actions, Sentry, LangChain, MCP*

- **Designed the Frontend Builder**, a modular platform for assembling customer-specific UIs from shared components. It now runs at 10+ enterprise customers, and new custom UIs take a few weeks instead of months.
- **Wrote the ADR** for a **five-layer feature architecture** (view → use case → repository → service → adapter). It's now the standard in 13 product modules, and because each layer can be tested on its own, we usually find the cause of a production bug within a day instead of several days.
- Set up **Import Maps** so 30+ micro-frontends share a single React/vendor runtime. Bundle size stayed flat as new frontends were added.
- Built the **MCP server that exposes** asset management, metadata editing, publishing to **LLM agents**: 35 tools, permission-scoped per user, live at 4 customers.
- Made **WCAG 2.2 AA and BFSG compliance** part of code review and the **Definition of Done for our 11-person team**, with Playwright accessibility checks in CI.

Senior Frontend Engineer | **Agile Robots SE**, Munich, Germany **Dec 2023 – Jul 2025**

Industrial robotics and automation; web-based robot programming tooling (DIONE).

Tech Stack: *Vue 3, TypeScript, Pinia, Apollo Client, GraphQL, gRPC, Three.js (TresJS), D3.js, Vitest, Cypress, Playwright, Storybook, Design Tokens, Monorepo (Nx), Docker, GitLab CI/CD*

- **Led a 7-person frontend engineering unit** in **Scrum sprints** to deliver DIONE, a web-based IDE for industrial robot programming, cooperating directly with backend, hardware, and product squads.

- **Engineered a real-time 3D configuration dashboard** utilizing **Three.js (TresJS)**, reducing manual robotic setup operations from days of handwritten script down to a **few hours**.
- **Enforced strict frontend profiling and asset optimizations** (code splitting, lazy loading, state memoization) to keep complex 3D graphic rendering pipelines responsive.
- **Built Vitest and Playwright test pipelines** that gated every merge request, reducing escaped production defects by **20%** over **200+ releases**.
- **Directed release management pipelines** via GitLab CI/CD workflows, utilizing **feature flags** to enable staged rollouts and zero-downtime hotfixes.
- **Ran technical hiring for the frontend team**: designed the coding challenges and evaluation process, and helped hire 2 engineers into the 7-person unit.

Frontend Engineer (Teach Lead, Domain Intelligence squad) | **FYEO Inc**, Remote, United States **Jan 2022 – Nov 2023**

Cybersecurity and digital risk protection SaaS.

Tech Stack: *React, TypeScript, URQL, GraphQL, Zustand, Styled Components, Material UI, Sass, WebSocket, Sentry, Cypress, Jest*

- **Headed a 5 engineer Scrum** squad building the **FYEO Domain Intelligence platform**, **implementing 50+ Figma screens with the design team** and delivering real-time threat dashboards via **WebSockets** that dropped manual analyst investigation times by **25%**.
- **Shipped a secure phishing detection Chrome extension**, scaling user adoption to over **5,000 registered accounts** and **1,000+ daily active installations**.
- **Elevated frontend testing coverage metrics from 10% to 80%** by integrating **React Testing Library and Jest** suites into active production deployment branches.
- **Established formal team code review guidelines** and structured technical mentorship paths to accelerate junior developer delivery throughput.

Frontend Engineer | **Outsource Global Technologies**, Remote — Abuja, Nigeria **Aug 2020 – Dec 2021**

Nationwide government digital service platforms.

Tech Stack: *React, Redux Toolkit, Next.js (SSR / SSG), Node.js, Laravel, PostgreSQL, React Query, D3.js, Recharts, Sass*

- **Delivered two high-scale social investment platforms** (NASIMS and IDEC) from **Figma designs to production**, serving **2M+ citizens**, migrating critical manual operations off legacy systems.
- **Overhauled the national vehicle registration engine (VREG)** handling **1.5M + entries a year**, cutting average response time by roughly **40%** and integrating PCI-compliant payment gateways.
- **Introduced Next.js Server-Side Rendering (SSR) and Static Site Generation (SSG)** to meet Core Web Vitals targets, reducing average page load times across public portals by 40%.

Software Engineer | **Access Solutions Ltd**, Remote — Abuja, Nigeria **Mar 2017 – Jul 2020**

- Created school management software, interactive kiosk apps, and digital payment frameworks (VUVAA); balanced part-time delivery with my university degree (from **Mar 2017 – Dec 2019**) before converting to a full-time engineering schedule.

EDUCATION

B.Eng. Computer Engineering | Federal University of Technology, Minna, Nigeria (**Sep 2014 – Nov 2019**) | **First Class Honours (4.65/5.0)** | **Degree officially recognized in Germany via Central Office for Foreign Education (ZAB / anabin)**

LANGUAGES & WORK AUTHORIZATION

English — Native / full professional proficiency | **German** — A1 (currently in B1 course)

Work Authorization — Permanent Residence (**Niederlassungserlaubnis**): unrestricted right to work in Germany, no visa sponsorship or employer approval required. Open to Munich-based, hybrid, and remote roles in Germany.

SELECTED PROJECTS

Wired — Real-time collaborative whiteboard. React 19, TypeScript, Konva, Yjs (CRDT), Socket.IO, Redis. Multiple users edit one canvas with conflict-free merging, live cursors and presence, and one login session shared across HTTP and WebSockets. https://github.com/wizzywit/wired

Odudu — Open-source OAuth 2.1 / OpenID Connect identity provider with an admin console (**in development**). TypeScript monorepo; console tested in CI with Playwright and axe against **WCAG 2.2 AA** in light and dark themes; passes the OpenID Foundation conformance suite (Config OP) in CI; design decisions documented in ADRs. https://github.com/wizzywit/odudu