Manuel-Hubertus Fay - Software Engineer

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Profile

Software Engineer focused on high-performance web applications, modular UI systems, libraries and automated development workflows. Strong sense of ownership, fast learning ability and experience in full-stack development, DevOps practices and mentoring.

Professional Experience

Jan 2024 - Present · Cologne, Germany
Software Engineer · VdS Schadenverhütung GmbH
· Full-Stack development of internal and external web applications (JS/TS, React, Prisma, TailwindCSS).
· Architecture and implementation of modular, high-performance component libraries.
· Deployment of applications to test and production environments (Azure, GitHub Actions).
· Jira implementation and administration including Scrum and Kanban workflows.

Aug 2020 - Nov 2023 · Neunkirchen-Seelscheid, Germany
Software Engineer · DR-WALTER GmbH
· Full-stack development of internal web applications (PHP/Laravel, Alpine.js, TailwindCSS).
· Development of reusable UI components and semantic HTML structures.
· Migration from legacy CSS/Bootstrap layouts to TailwindCSS.
· Users and technical documentation (incl. UML) and XP-style refactoring.
· Administration and Integration: Jira, Wiki.js, GitLab CI/CD.
· Provisioning and maintenance of development environments (Linux, macOS, Docker).
· Mentoring apprentices in the IT Specialist (Application Development) program.

Oct 2018 - Aug 2020 · Lindlar, Germany
IT Specialist Apprenticeship - Treesoft GmbH & Co. KG
· Development of software components (C++/Qt).
· Database design and implementation (SQL/PLSQL).
· Provisioning of virtualized testing environments.
· Final project: Automated reporting for sales-relevant KPIs.

Additional Experience

Maintenance Technician · AGST · 2018 · Facility operations, maintenance, logistics.
Backoffice Assistant · C-PROTEC · 2017-2018 · Project support, data maintenance, reporting.
Facility, Warehouse/Logistics Lead · IBS CommNet · 2016-2017 · Process optimization, inventory mgmt.
Painter and Varnisher · until 2016

Education

IT Specialist - Application Development · IHK · 2021
Secondary School Certificate · Externenprüfung · 2017
Painter and Varnisher · IHK · 2003

Certificates

ITIL 4 Foundation · PeopleCert · valid until 2028

Skills

Languages: JS/TS · PHP · HTML · CSS · SQL · C++ · Deutsch (native) · Englisch (B2)
Frameworks: React · Laravel · Alpine.js · TailwindCSS · Scrum · Kanban
DevOps: GitLab CI/CD · GitHub Actions · Docker · Linux · macOS · Azure
Tools: Neovim · PhpStorm · Jira · Figma · Sentry · Semrush · Wiki.js · PlantUML