CV · SHEET 03

MORITZ SCHACKE

SOFTWARE DEVELOPER & BUSINESS INFORMATICS SPECIALIST

Software, built to plan.

Saarland, Remote worldwide · info@moritzschacke.de · moritzschacke.de · github.com/moritzschacke · gitlab.com/moritzschacke · linkedin.com/in/moritz-schacke-03b2451a5

Available for projects: devgineers — Software engineering, secure SDLC & CRA consulting · devgineers.de

Languages: German (Native) · English (C1) · French (B1) · Dutch (A1)

PROFILE

I build software to a plan: understandable for whoever develops it next, maintainable through years in production and fast for everyone who uses it. Since 2020 I have been building and running the support ecosystem of the Behnke Group. Alongside, I take on commissions with devgineers: software, development processes and product security.

Understandable
Code the next person understands without me. Clear names, clear boundaries, no magic.

Maintainable
Built for years in production, not just until launch. Tests, updates and monitoring are part of the plan.

Fast
Performance is a requirement, not an afterthought. Measured, not guessed.

EXPERIENCE

10/2026 – present

Owner – software engineering, secure SDLC & CRA consulting

DEVGINEERS, PART-TIME SELF-EMPLOYED

Alongside my employment I take on commissions with devgineers – as the single contact from the first question to handover.

- Custom software, modernisation and rebuilds in sprints with a working state after every sprint.
- Websites with hosting and maintenance, and setting up, hardening and maintaining Linux servers.
- Development processes and product security: secure SDLC, Scrum, CRA gap assessments and secure SDLC reviews.

10/2026 – present

Product and Development Security Coordinator (PDSC)

TELEFONBAU BEHNKE GMBH, BEHNKE GRUPPE

In addition to my role as a developer, I am responsible for product and development security: from the Cyber Resilience Act to secure development processes and evidence in CI/CD.

- Implementing the Cyber Resilience Act (Regulation (EU) 2024/2847) for the products: requirements and risk analysis, technical documentation and alignment with harmonised EU standards such as EN 18031.
- Vulnerability management: a central reporting point for vulnerabilities, confidential handling within the deadlines of CRA Art. 14 and GDPR Art. 33, published security advisories.
- Secure development processes: requirements, reviews, tests and approvals traceable from commit to release – as the basis for conformity assessment and updates throughout the support period.
- CI/CD with GitLab Ultimate: security scans for code, dependencies and secrets, software bills of materials (SBOM), tests and coverage as evidence in the pipeline.
- A secure supply chain down to production: signed, encrypted software releases as well as signed firmware and secure boot when devices are first programmed.

01/2026 – present

Business Informatics Specialist, Software Development

TELEFONBAU BEHNKE GMBH, BEHNKE GRUPPE

Developing and running the group's web platforms and internal tools – secure, documented and with AI-assisted tooling.

- Support ecosystem: the new support server (PHP 8.5, REST API, sign-in with TOTP and passkeys), the security reporting point, the status page and the wiki system for product documentation in three languages.
- Secure and documented code: strict typing, static analysis at the highest level (PHPStan max), automated tests in GitLab CI, security built into the framework rather than case by case, and documentation maintained alongside the code.
- AI in development: AI-assisted work with Claude Code and Codex, integrating LLM APIs and AI platforms – with review, tests and clear limits on what an agent may read and change.
- Internal tools and infrastructure: licence-secured APIs for firmware, manuals and changelogs, a shared CDN for all web projects and tools for production.

10/2025 – 12/2025

Business Informatics Specialist, Software Development

NOTRUFZENTRALE BEHNKE GMBH, BEHNKE GRUPPE

04/2025 – 09/2025

Working Student (Master of Science)

TELEFONBAU BEHNKE GMBH, BEHNKE GRUPPE

Development of new features and internal tools, extension of core systems.

10/2020 – 03/2025

Working Student (Bachelor of Science)

TELEFONBAU BEHNKE GMBH, BEHNKE GRUPPE

Modernisation of existing PHP and Java tools.

08/2020 – 10/2020

Temporary Assistant, Technology & Support

TELEFONBAU BEHNKE GMBH, BEHNKE GRUPPE

EDUCATION

04/2025 – 09/2025

Master of Science in Business Informatics

IWI IM DFKI, UNIVERSITÄT DES SAARLANDES, SAARBRÜCKEN – NOT COMPLETED

Discontinued after one semester.

Data Engineering · Artificial Intelligence · Computer Graphics · Project Management · IT Law

10/2021 – 03/2025

Bachelor of Science in Business Informatics

IWI IM DFKI, UNIVERSITÄT DES SAARLANDES, SAARBRÜCKEN

Bachelor's thesis “AI as an Innovator for Automating Process Modelling”: a comparison of eight LLMs for BPMN generation.

Programming · Algorithms · Software Engineering · Big Data · Strategic Management · Game Theory

10/2020 – 09/2021

Bachelor of Science in Computer Science

SIC, UNIVERSITÄT DES SAARLANDES, SAARBRÜCKEN – CHANGED PROGRAMME

Transferred to Business Informatics.

09/2012 – 07/2020

Abitur (German university entrance qualification)

THEODOR-HEUSS-GYMNASIUM, SULZBACH (SAAR)

Advanced courses in Mathematics and English.

SELECTED PROJECTS

2020 – present

Behnke Support Ecosystem

FLAGSHIP · SOFTWARE DEVELOPMENT, BEHNKE GROUP

Support infrastructure of the Behnke Group with device management, automatic updates, a multilingual documentation wiki, custom status monitoring and a responsible-disclosure portal.

PHP · MySQL · JavaScript · Ubuntu VPS · i18n (DE/EN/FR) · Accessibility · Monitoring · Security

10/2026 – present

devgineers

PART-TIME BUSINESS · OWNER & DEVELOPER

My part-time business for software engineering, secure SDLC and CRA consulting: custom software, modernisation, websites with hosting, Linux servers, development processes and product security – I take on commissions via devgineers.de.

PHP 8.5 · devgine · Secure SDLC · Scrum · CI/CD · CRA · Linux

07/2026 – present

devgine / web

OWN ENGINE · AUTHOR & MAINTAINER

PSR-compliant PHP web engine: container, router, middleware kernel, views with a component system and a database layer – with no runtime dependencies beyond PSR interfaces. moritzschacke.de runs on it.

PHP 8.5 · PSR-3/7/11/14/15/16/17 · PHPStan · PHPUnit · PSR-12

devgine / game

OWN ENGINE · AUTHOR & MAINTAINER

2D game engine built on libGDX with an entity component system: composition over inheritance, designed for many entities per frame.

Java · libGDX · OpenGL · ECS · Data-oriented design

01/2025

Bachelor's Thesis: LLMs × BPMN

RESEARCH · AUTHOR, B.SC. BUSINESS INFORMATICS (IWI AT DFKI, SAARLAND UNIVERSITY)

Systematic comparison of eight LLMs generating BPMN 2.0 models from natural language – with a custom evaluation framework and real-world datasets.

LLM evaluation · BPMN 2.0 · Prompt engineering · F1 score · Camunda · hdBPMN

SKILLS

Programming Languages	Expert: PHP, JavaScript, SQL, HTML5 & CSS Advanced: Java, TypeScript, Bash
Backend & Frameworks	Expert: Framework-Design (PSR-7/11/14/15/16), REST-API-Design & -Dokumentation, Software-Architektur, Legacy-Modernisierung & Migration Advanced: Node.js & TypeScript-Ökosystem, JSON Schema & Validierung (opis, Zod), PDF-Erzeugung (mPDF, Dompdf)
Frontend & Mobile	Advanced: Vanilla JS (UI ohne Framework)
Databases	Expert: MySQL Advanced: Schema-Migrationen
Cloud, Infrastructure & DevOps	Expert: Linux-Server (Ubuntu): Einrichtung, Härtung, Betrieb, Git & GitLab, Monitoring & Health-Checks, Release-Signierung & -Verschlüsselung, Cron-Jobs & Hintergrundprozesse Advanced: GitLab CI/CD, Docker, AWS (S3, Polly, AWS SDK), Hosting & Serververwaltung (VPS, Plesk)
Security & Compliance	Expert: Cyber Resilience Act (EU) 2024/2847, Coordinated Vulnerability Disclosure, Web-Security: CSRF, Sessions, parametrisiertes SQL, Security-Header Advanced: Authentifizierung: JWT, TOTP, WebAuthn/Passkeys, Kryptografie in der Praxis (libsodium, Ed25519, Signaturen)
Quality & Process	Expert: PHPStan (Level max), PSR-12 & php-cs-fixer, Technische Dokumentation Advanced: Code Review (auch KI-gestützt), PHPUnit, Semantic Versioning & Release-Management
Accessibility, i18n & SEO	Expert: Mehrsprachigkeit (DE/EN/FR und mehr) Advanced: Barrierefreiheit (OpenDyslexic, Kontrast, Lesehilfen), SEO (JSON-LD, Meta, OG/Twitter)

AI & LLMs	Expert: KI-gestützte Entwicklung: Claude Code, Codex, KI-gestützte Workflows, Prompt Engineering Advanced: LLM-Evaluation & Benchmarking, Model Context Protocol (MCP), KI-Agenten-Infrastruktur, Claude, GPT, Gemini, Ollama
Game Development	Advanced: Minecraft: Spigot & Forge
Tools	Expert: VS Code Advanced: Composer & npm

More skills and the evidence for each level: https://moritzschacke.de/en/cv