



Conrad Emde

Senior Software Developer

conrad.emde@permission-denied.de

67434 Neustadt an der Weinstraße | German

SUMMARY

Senior backend-focused software developer with over 15 years of experience designing, building and operating scalable web applications for customers and internal stakeholders. Strong background in PHP and Node.js backends, data platforms and API design with a focus on reliable, high-performance systems.

SKILLS

- Back-end & APIs: PHP, Node.js, Python, REST, GraphQL, API design
- Front-end: JavaScript, TypeScript, Svelte, Bootstrap
- Data & Analytics: MySQL, MariaDB Columnstore, ClickHouse, data warehousing, reporting
- DevOps & Infrastructure: Docker, Linux, Hetzner Cloud, CI/CD, monitoring
- Quality & Methods: Requirements engineering, automated tests (unit/integration), static analysis, code reviews

PROFESSIONAL EXPERIENCE

Senior Software Developer · [Bellissy GmbH](#) · Offenbach am Main (Remote)

Sep 2020 - Apr 2025

- Designed and built a social media campaign platform with ML-based forecasting, outreach, conversion tracking and engagement analytics.
- Developed a Docker-based application that crawls 100,000+ social media profiles and matches brands with suitable influencers.
- Integrated external APIs (e.g. WhatsApp, HubSpot CRM), improved data storage and designed GraphQL APIs for fast data access.
- Migrated a monolithic legacy system to a service-oriented cloud architecture (SSO, CDN, clustered databases, network file systems) on Hetzner Cloud with a focus on failover and redundancy.
- Analyzed large datasets and applied machine learning models to support strategic decisions.
- Worked in a distributed remote team and supported projects from initial idea to rollout.

Sabbatical / Relocation · Berlin → Neustadt an der Weinstraße

Sep 2019 - Aug 2020

- Explored new professional options and worked on personal projects while relocating from Berlin to Neustadt an der Weinstraße.

Software Developer · WinLocal GmbH · Berlin (Partly Remote)

Nov 2013 - Aug 2019

- Developed and implemented a data warehousing strategy to manage long-term cost and conversion data for 6,000+ Google AdWords customers.
- Introduced OLAP databases and reduced response times by around 90% while lowering query overhead compared to MySQL.
- Built reporting frameworks and visualization tools, analyzed KPIs and derived insights and recommendations for stakeholders.
- Developed and operated custom PHP back-end systems and optimized IT processes to increase productivity across multiple departments.
- Contributed to the redesign of www.kennstdueinen.de and www.winlocal.de.
- Owned IT operations, monitored system reliability and used code reviews to maintain code quality.

IT Engineer · FutureShip GmbH · Potsdam

Sep 2010 - Sep 2013

- Administered Linux clusters and monitored performance to ensure stable operations.
- Planned and implemented infrastructure and network setups to improve efficiency and availability.
- Supported users and departments in day-to-day IT operations.

Research Assistant · IWM Koblenz · Koblenz

Jun 2005 - Sep 2006

- Supported e-learning research projects by administering Linux/Windows systems and VMware environments and handling general IT tasks.

EDUCATION

- **Diploma in Computer Science (≥ M.Sc.) - Computational Visualistics**
2000 - 2008 · University of Koblenz-Landau, Koblenz (Grade: 1.7)

COURSES

- **Google AdWords Scripts Workshop**, Hamburg - 2017
- **Boris Glöger Scrum Training**, Berlin - 2016
- **Google AdWords API Workshop**, Amsterdam - 2015

LANGUAGES

- **German: Native**
- **English: Fluent**