



# Martin Grellmann

Full-stack web developer / Full-stack software engineer / SAP  
Technical Consultant

## Profile

Experienced in full-stack web development with over 20 years in the field. Proficient in HTML, CSS, React, JavaScript, Node.js, PHP, and MySQL. Possess 7 years of experience in Linux administration and 3.5 years in business software development, including 2.5 years in SAP technology.

I am committed to continuous learning and innovation, with a strong focus on clean code and S.O.L.I.D principles. Skilled in designing, testing, and maintaining web systems, with a proven track record in business consulting and Industry 4.0 applications.

## Employment History

### SAP Technical Consultant, SAP Full-Stack Development at BA Business Advice GmbH, Oldenburg, Germany

February 2022 – Present

Delivered expert SAP solutions tailored to client needs. Leveraged extensive technical skills to realise Solution in SAP landscapes and enhance business processes. Provided comprehensive business consulting services and SAP solutions. Specialized in SAP ABAP, SAP MII, SAP UI5 Freestyle, SAP Fiori Elements, and SAP S4/HANA Public Cloud Side-By-Side Extension. Successfully implemented migrations from ERP to S/4 HANA and refactored existing applications.

### Technical Skills

- Proficient in SAP ABAP (Clean Core), SAP MII, SAP UI5 Freestyle, SAP Fiori Elements, SAP RAP, SAP CAP, OData v2, OData v4, and ABAP CDS.
- Experienced in using JavaScript, TypeScript, and Jest.js for the UI5 framework.
- Extensive experience with S4/Hana Cloud - Public Edition: Side-By-Side Extension and S4/Hana Cloud - Public Edition: Developer Extension.
- Competent with SAP BTP (Business Technology Platform).

### Additional Information

- Successfully implemented migrations from ERP to S/4 HANA and refactored existing applications.
- Demonstrated proficiency in JavaScript, TypeScript, and Jest.js for the UI5 framework.

## Details

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### Nationality

German

## Links

[Online CV](#)  
[LinkedIn](#)

## Skills

Clean Core / S.O.L.I.D.

Git / Gitflow

Jira

Scrum / Scrum Master

OOP (ABAP / JS / PHP)

Linux administration

Samba

HTML5

CSS3

JavaScript

Typescript

React

TailwindCSS

Bootstrap

Drupal 7 / Drupal

Node.js

Express.js

## Software Developer and Linux administrator at Sengicon GmbH, Leipzig, Germany

February 2021 — January 2022

Full-stack software development and Industry 4.0 applications. Refactoring PHP code and developing React web frontends with Material Design. Also involved in the installation, configuration, and administration of LAMP-stacks under Linux. Conducted application tests using PHPUnit and Jest.js. Focused on full-stack software development and Industry 4.0 applications. I possess extensive experience in refactoring PHP code and developing React web frontends with Material Design. Additionally, I have a strong background in the installation, configuration, and administration of LAMP-stacks under Linux environments. My skill set also includes conducting comprehensive application tests using PHPUnit and Jest.js, as well as database modeling and integrating RESTful APIs with PHP.

### Technical Skills

#### React Web Frontends with Material Design

- Created dynamic and responsive web frontends using React and Material Design principles.
- Enhanced user experience through intuitive and visually appealing interfaces.
- Developed a custom router in React to manage client-side navigation efficiently.

#### PHP Code Refactoring

- Refactored legacy PHP code to improve performance, maintainability, and scalability.
- Utilized Composer for dependency management and PHPUnit for unit testing, ensuring robust and error-free code.

#### Database Modeling

- Designed and implemented relational database models using MySQL, MariaDB, and PostgreSQL.
- Ensured data integrity and optimized database performance through efficient schema design and indexing.

#### Integration of RESTful APIs with PHP

- Developed and integrated RESTful APIs using PHP to facilitate communication between different software systems.
- Ensured secure and efficient data exchange between client and server applications.

#### Application Testing

- Conducted rigorous application tests using PHPUnit for PHP and Jest.js for JavaScript to ensure high-quality software delivery.
- Identified and resolved bugs and performance issues through systematic testing and debugging.

#### LAMP-Stack Management

Next.js

PHP

Composer / NPM

PHPUnit

JestJS

Python

MySQL

MariaDB

PostgreSQL

ABAP SQL

MongoDB

SQLite

SAP ABAP (Modern, Clean Core)

SAP MII

SAP UI5 Freestyle (JS-Framework)

SAP Fiori Elements

S/4Hana Cloud - Public Edition Extensions

S/4Hana Cloud - Side-by-Side Ext.

S/4Hana Cloud - Developer Ext.

SAP BTP

### Languages

English

German

- Installed, configured, and administered LAMP-stacks (Linux, Apache, MySQL, PHP) to support web applications.
- Expertise in setting up and managing Linux servers, including CentOS as a virtual machine (VM).

#### System Administration

- Installation, configuration, and administration of Linux and LAMP-stacks.
- Hardening and managing CentOS as a virtual machine (VM).

#### Additional Information

- Proficient in version control systems like Git.
- Strong understanding of web security practices and performance optimization.
- Excellent problem-solving skills and attention to detail.
- Ability to collaborate effectively with cross-functional teams.
- Ability to collaborate effectively with cross-functional teams.
- Experienced in problem-solving within software development, consistently delivering innovative solutions to complex challenges.

#### Achievements

#### **Webmaster with development tasks at Ferienhaus-Vermittlung fincaferien.de GmbH, Bockenem, Germany**

April 2004 — December 2019

Dynamic and results-driven web and network enhancer with extensive experience in web development, network management, and search engine optimization. Adept at leveraging a diverse skill set to drive traffic, improve user experience, and maintain robust network systems. Demonstrated expertise in HTML, CSS, PHP, Drupal, Git, Jira, SEO, SEA, and Linux administration. Proven ability to monitor analytics, develop effective SEO strategies, and perform comprehensive website audits. Skilled in managing both Linux (Samba) and Windows networks to ensure seamless operations.

#### **Technical Skills**

##### Web Development

- Developed and maintained websites using HTML, CSS, PHP, and Drupal.
- Customized Drupal modules to meet specific client needs and enhance functionality.
- Proficient in creating and maintaining web pages with a strong understanding of usability design principles.

##### PHP, Drupal

- Experienced in developing and managing dynamic web applications and Drupal content management systems, including custom module development.
- Project Management
- Utilized Git for version control and Jira for project management to facilitate smooth and efficient development processes.

- Collaborated with cross-functional teams to deliver projects on time and within scope.

#### Linux Administration

- Competent in managing Linux-based systems, including Samba for file sharing and network management.
- Managed Linux (Samba) and Windows networks, ensuring secure and efficient operations.
- Performed regular maintenance and troubleshooting to minimize downtime.

#### SEO Strategies

- Developed and implemented SEO strategies to boost website traffic and improve search engine rankings.
- Conducted thorough website audits to identify areas for improvement.
- Analytics Monitoring
- Monitored website analytics to track performance metrics, user behavior, and campaign effectiveness.
- Utilized data insights to optimize user experience and content strategy.

#### Additional Information

- Self-taught and adept at acquiring the know-how to solve complex problems in Web Design, PHP, Drupal, SEO / SEM and Project management.

## Education

### **Industrial Clerk, DAA GmbH, Hildesheim, Germany**

2002 – 2004

Focused on business processes, commercial management and control, and economic and social studies.

### **Training Full-Stack Web Developer, Indisoft GmbH, Leipzig, Germany**

2020 – 2021

Training covered best practices in responsive web design, Javascript and PHP, MySQL, content management, e-commerce, and online marketing, including SEO, SEA and Google Analytics. Included a Scrum Master (PSMI) certificate.

### **Sengicon GmbH, Leipzig, Germany**

2020 – 2021

Practical Internship to get deep into best practises.

Practical training covered best practices in LAMP-Stack, Javascript, PHP, MySQL and Linux-Administration.

## 🚧 Internships

### **Practical Internship Full-Stack Web Developer at Sengicon GmbH, Leipzig, Germany**

2020 — 2021

Practical training covered best practices in LAMP-Stack, Javascript, PHP, MySQL and Linux-Administration. Developed a full stack web application from scratch, including back-end services in PHP, front-end interface in React, and database-modeling.

Maintained a Drupal Website from the scratch.

## ★ Achievements

### **SAP Technical Consultant, SAP Full-Stack Development**

- Implemented migrations from ERP to S/4 HANA.
- Refactored existing applications to enhance performance and maintainability.
- Experienced in problem-solving within SAP technology and customizing ABAP Application und UI5, consistently delivering innovative solutions to complex challenges.

### **Software Developer and Linux administrator**

- Implemented Industry 4.0 solutions to enhance automation and data exchange in manufacturing technologies.
- Distinguished myself in particular by successfully converting an outdated PHP web application to a modern PHP REST backend with a connection to an independently created new React-Web-Frontend including Database modelling .

### **Webmaster with development tasks**

- Successfully increased organic traffic through targeted technical SEO strategies.
- Enhanced website performance and user experience, resulting in a reduction in bounce rate through implementing usability methods recommended by Jacob Nielsen.