

pphdev

Software Developer

Email: pphdev.spir0@aleeas.com

Residence: Berlin, Germany

Professional Experience

Company A

since 01/2018 Software Developer

08/2015 - 01/2018 Apprenticeship Computer Science Expert (FIAE)

Company: ca. 50 employees (30% developers), based in Germany

Product: ERP, CRM, WMS software with a focus on wholesale & foreign trade

Working in a development team to enhance the primary product (ERP). Tasked with **creating new modules**: deriving technical requirements, estimation, design, implementation, documentation, testing, release and maintenance. In addition, troubleshooting **legacy modules** and improving them in terms of performance & reliability.

Since late 2021, also responsible for **improving team-wide source code quality** and **reducing tech debt**. This includes modernizing developer tools and technical decision making in coordination with team leadership.

Currently also main responsible for **code reviews** and **supporting & mentoring colleagues**, particularly on code quality & developer tools.

Worked in-office and hybrid previously, 99% remote since 2020.

Highlights:

- **Key contributor** in a multi-year project regarding automated payment processing. Required extensive analysis of business requirements in **exchange with internal & external stakeholders** as well as studying various **external SOAP & REST APIs**. An internal key requirement was abstraction between the API and interaction with legacy modules to provide flexibility regarding new partner APIs.

- Participated in a working group to **transition source code management to git**, while maintaining existing history. Responsible primarily for the **technical aspects of git** and discussing the repo structure & team rules, as well as training colleagues on this.

- **Formed & led a regular departmental open discussion group** to e.g. share ideas or questions and discuss innovations. Also benefits as a team building measure, as the team primarily works remotely nowadays.

- Created a **module to create & edit meeting minutes** that reference customers, participants, documents and tasks from ERP modules. Includes a **template feature** that was critical for a potential customer.

Honorary activities

2017-2019 First aider in the workplace

2012-2014 FSE team member

Annual design, development and production of a **Formula Student Electric race car** with approximately 50 other students to participate in **international engineering competitions**.

Responsibility:

- Planning and execution of events, among others:
 - Annual rollout with approx. 150 external guests (incl. sponsors such as NXP, Fraunhofer, Airbus)
 - Internal team events, member recruitment, season kick-off
- Organizing the team in qualification tests & competitions (e.g. FSG / Hockenheimring)
- Deputy participation in board meetings for the organization department

see <https://www.youtube.com/@F-S-G>

since 2010 Managing the IT systems of a family business

- Windows- & Linux-Clients, Proxmox VE Server, Windows VM
- Static website, currently hosted on Azure Storage

Trainings & Awards

2017 KMK Language Certificate for IT-Professionals, Level C1 (Effective Operational Proficiency)

2011 business management simulation (1 week / full time)

Skills

Tech: .NET Framework 4.x, .NET 7 (C#), Winforms, WPF, XML/XSD, SQL (MSSQL / SQL Server), SSAS

Tools: git (cli), Azure DevOps, Windows, Visual Studio, JetBrains ReSharper

Private: Linux (Qubes OS, Mint, Debian, Fedora), openwrt, ZFS, Proxmox VE, (PC-)Hardware-Configuration

Natural Languages: German (Native), English (Full Professional Proficiency)

Education

2015-2018 Apprenticeship FIAE (Computer Science Expert, specialization development, tech. college)

2012-2015 Technical University - Mechatronics

2012 General matriculation standard (Abitur), Physics/Mathematics/English/Informatics

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