# CV - Alexander Ferring

Frontend/ Fullstack Developer
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## SKILLS

- Focus on the Angular Framework and Progressive Web Apps in Typescript including Angular Universal, Service-/ Web-worker, Single Page Applications (SPA) and advanced Webpack configurations.
- Experience with various backend technologies:
  - PHP: Symfony and Doctrine APIs
  - Javascript: Nodejs Express APIs
  - Java: Spring Boot APIs
  - GraphQL, Elasticsearch, SQL and Mongodb
- Nginx (reverse-)proxy configuration, Docker deployment and Linux server maintenance.
- Git version control including Gitlab and Gerrit for staging and branching. SCRUM sprint collaboration.
- Alongside my coding skills I have good Business, Statistics and Finance knowledge.
- Fluent in English and continuously improving my Chinese (which is currently at about A2 /HSK3 level).

## WORK EXPERIENCE

**OBI Smart Technologies GmbH in Cologne, Germany** - **2022 to 2023, 6 months**

*Backend-Developer in Java*
- Bootstrapping of a new backend service structure with Java Spring, SQL and Docker.
- SCRUM based processes for project tracking and sprint planning.
- Git, Gitlab, Terraform and various CI-/ CD-tools.
- Took the "Advanced Developing on AWS" course with Amazon while at OBI.

**Media Cologne GmbH in Hürth, Germany** - **2020 to 2021, 1 year 8 months**

*Fullstack-Developer in Typescript / Javascript and PHP.*
- Micro-service structured frontend based on the Angular-Framework (Typescript).
- Backend utilizing Symfony and Doctrine (PHP) with a SQL database.
- Google Material and Kendo UI component libraries for the Frontend-UI.
- Git and Gerrit for versioning. Gitlab for project tracking and CI-/ CD-pipes.
- Introduction and implementation of technologies such as Docker, Elasticsearch and others.
- Project requirements analysis and cost estimation for a project-relaunch as well as the existing infrastructure.
- Technical and organizational customer relation management and communications including technical support and maintenance as well as documentation.

## EDUCATION

**CBS International Business School in Cologne, Germany** - **2011 to 2014, 3 years**

*Bachelor of Arts in International Business*

- Major in Financial Management. Fully english-taught degree.
- Final thesis written using the statistical programming language "R"

**Queen's University - School of Business in Kingston, Canada** - **2013, 6 months**

*Semester abroad in the business and commerce program*

**HBF technical college ("Höhere Berufsfachschule") in Trier, Germany** - **2007 to 2009, 2 years**

*State-certified assistant for information technology ("Staatlich geprüfter Assistent für Informatik")*

- This apprenticeship with a focus on production information technology contains education in Java, C, C++, SQL, programmable logic controllers (SPS), hydraulics, manufacturing processes and pneumatics.

## INTERNSHIPS

**Advisory Partners in Wiesbaden, Germany** - **2013, 2 months**
- *Mergers & Acquisitions*

**Züblin Gebäudetechnik in Erlangen, Germany** - **2009 & 2013, 6 months**
- *Building sector*

**Niersberger Romania in Brasov, Romania** - **2009, 2 weeks**
- *Building sector*

**SCL-Projekte in Trier, Germany** - **2009, 1 month**
- *Consulting / Marketing / Webdevelopment*

**SAE in Föhren, Germany** - **2009, 1 month**
- *Electrical Engineering and Process Visualization*

**Felten in Wecker, Luxembourg** - **2008, 1 month**
- *Production Management Software*

**OK54 in Trier, Germany** - **2005, 3 weeks**
- *State-funded television production*

## ADDITIONAL REFERENCE

*www.aferring.de* - A Progressive Web App (PWA) showcasing modern and relevant technology

*www.aferring.de/cvs/Angular and Typescript techniques* - Transcript of selected PWA topics