Felix **Kirmse**

SOFTWARE ENGINEERING MANAGER, CURRICULUM OWNER, INSTRUCTOR

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"A growth mindset is the single biggest enabler in todays unforgiving world"

Summary

Versatile growth-oriented software manager gets the job done without micro-managing, ever-learning new tools to tackle and optimize the changing tasks of daily job life. A firm believer in an open feedback culture, enabling his own and others' growth through constant feedback.

Experience

Code Chrysalis
Tokyo, Japan

SOFTWARE ENGINEERING MANAGER / CURRICULUM OWNER — *Mar. 2020 - PRESENT*

- Manage a team of 4 software engineers who also have to fulfill and balance the instructor's unique role.
- Oversee development of internal software projects on time.
- Ensure the team is motivated and, and members can achieve personal growth (technical/soft skills).
- Keep the curriculum competitive in an ever-changing market in Japan and the world.
- Create processes to handle curriculum changes for a bi-lingual curriculum in a fast-growing startup.
- Introduced and created video lectures, learning tools such as **DaVinci Resolve 16** and **iZotope RX 8** to edit high-quality video content.
- Managing and growing the companies YouTube channel by creating videos and optimizing them for SEO.

Code Chrysalis
Tokyo, Japan

LEAD EDUCATIONAL SOFTWARE ENGINEER — *Nov. 2017 - Mar. 2020*

- Creating and delivering coding curriculum in **JavaScript and GoLang**.
- Creating a fully featured LMS (Learning Management System) from scratch that powers the schools daily life:
    - Planning/viewing of the curriculum for staff and students (**GDrive/YouTube integration**).
    - Scheduling of instructor resources with **GCal integration**.
    - Aggregating comments about students made on **Slack**.
    - Full **GitHub** repository management catered to the needs of a coding school.
    - Automated GitHub PR reviews for students using self-made **CI**.
    - Technologies used: **JS, TS, TypeORM, GraphQL, Vue, C#, and Docker**.
- Creating and handling a live stream infrastructure for events.

Anton Paar OptoTec GmbH
Hanover, Germany

SOFTWARE ENGINEER — *Sep. 2013 - Nov. 2017*

- Creating the software in **C#** powering the optical measurement devices MCP 100/150 and the Abbemat 3X00 line.
- Responsible for maintaining, extending, and providing third-level support for 10 distinct software projects in various languages and frameworks, including **C++11, Visual C++, Python, and WPF with C#**.
- Created Apps for Android and iOS using **C# & Xamarin** that monitor the status of measurement devices in the network using **XML-RPC**.
- Administered **JIRA, Confluence, and TeamCity** to set up and change projects and workflows to enable **agile development** for the teams.
- Training new software engineer employees and students, making sure they find a place in the team.

the a-team GmbH
Berlin, Germany

WEB DEVELOPER APPRENTICE — *Jan. 2011 - Aug. 2013*

- Writing **PHP** scripts to mass import/export millions of customer datasets to/from a CMS. Performance tuning of existing scripts to reduce runtime/memory footprint.
- Introduced **Git** version control to the company.
- Created a mobile website using **jQuery, AJAX & Google Maps API**.

the a-team GmbH
Berlin, Germany

WEB DEVELOPER INTERN — *Aug. 2010*

- Introduction to Web Development using **PHP, HTML, CSS & JavaScript** working in a **Linux** environment.

Education & Certifications

Certified Information Technology Professional (FE)
Manila, Philippines

PHILNITS — *May 2017*

- Awarded for passing the "Fundamental Information Technology Engineer's Examination", also known as 基本情報技術者試験.
- Enables acquiring an Engineering Visa to work in Japan.
- The examination contains questions that cover materials normally learned in University.

Computer Science Expert - Subject Area: Software Development   *Berlin, Germany*

IHK Berlin, Attended school: OSZ IMT   *Jan. 2011 - Aug. 2013*

- Apprenticeship title acquired after 2 years of work & school

Skills

Programming	TypeScript, JavaScript, C/C++, C#, Python, LaTeX, HTML5, CSS, PHP
Technologies	Docker, Postgres, GraphQL, Vue, React, .NET, WPF, Mono
Principles	Pair Programming, TDD, CI/CD, Agile Development, Code Reviews, Scrum, TDD, Code Reviews, Version Control
Workflow Tools	Git, DaVinci Resolve 16, iZotope RX 8, Notion, Jira, TeamCity, Confluence, Polarion, Plastic SCM
Languages	German (Native), English (Bilingual), Japanese (Intermediate Conversation)

Skills

Programming	TypeScript, JavaScript, C/C++, C#, Python, LaTeX, HTML5, CSS, PHP
Workflow Tools	Git, DaVinci Resolve 16, iZotope RX 8, Notion, Jira, TeamCity, Confluence, Polarion, Plastic SCM