Professional Experience

Aug. 2022 – today **Senior DevOps Engineer** Postfinance

Projects: Pipeline Toolchain **Area:** Cloud Services and Infrastructure

Responsibilities:

- Enable and mentor customers to use state of the art pipelines and follow best practices
- Design, implement and improve CI/CD pipelines
- Design and implement API management and API management processes
- Implement observability best practices

Technologies Used: Gitlab, Kubernetes, Bash, Docker, Vault, Jira, Confluence

---

Aug. 2021 – August 2022 **Senior DevOps Engineer** Bundesamt BIT

Projects: PostgreSQL, Vault and Keycloak as a service **Area:** Cloud Services and Infrastructure

Responsibilities:

- Develop, operate and maintain PostgreSQL, Vault and Keycloak as a service
- Design and implement CI/CD pipelines
- Provide customer support
- Actively contribute to service offerings

Key Achievements: successfully develop, deploy and maintain PostgreSQL as a managed service offering; ensure monitoring, alerting and availability of all managed services;

Technologies Used: Go, Python, Bash, Ansible, Docker, PostgreSQL, Vault, Redis, Cassandra, Jira, Confluence, Openshift, RKE, Kubernetes

---

Sept. 2019 – July 2021 **Senior Software Developer** University St.Gallen

Projects: Nassy, ProMiSE **Area:** Business process management, Neuro adaptive systems

Responsibilities:

- Contributing to and shaping research ideas
- Researching optimal tech stack and software architecture
- Conducting neuro-physiological experiments (eye tracking, GSR, EEG)
- Engineering streaming platform for live analysis of neuro-physiological data streams
- Actively contribute to research projects
- Operate and maintain key infrastructure

Key Achievements: collaboration on successful four year SNF proposal for ProMiSe; envisioned and implemented institute level IT infrastructure; founding team member of the computer science school branch;

Technologies Used: Java, Python, Pandas, Kafka, Nifi, Spark, Camunda, Docker, PostgreSQL, Influxdb, Jira, Confluence, Nvidia DGX, Proxmox

---

Dec. 2017 – now **Full Stack Developer** Ankylosing Spondylitis Assoc.

Projects: Rheumafit.ch **Area:** Healthcare

Responsibilities:

- Operate and maintain key infrastructure
- Promote and implement new and simplified technology stacks
- Improve system and service availability and stability
- Ensure highes software quality through test automation and code analysis

Technologies Used: Python, Node, Nuxt, Vue, Heroku, RKE2, Postgres, Redis, Docker, Github Actions

About Me

Martin Eigenmann

I am a passionate technologist with over 10 years of experience in Software and Product Development. My colleagues would describe me as creative, solution oriented, and always motivated.

When I'm not at work I will most likely be climbing mountain tops, exploring new places or enjoying the peace in mind when meditating, jogging or working out.

@ contact@eigenmannmartin.ch
in linkedin.com/in/eigenmannmartin
○ github.com/eigenmannmartin

📍 St. Gallen   👪 4 July 1990

Strengths

Analytical Abilities   Self motivated

Independent worker   Can-do spirit

Creativity   Strong emphasis on results

Skills

NodeJS

React & Vue

Python, Django & DRF

Kubernetes

Linux

CI / CD

.NET & C#

Java & Hibernate

Jira

Agile & Scrum

Professional Experience

Jan. 2018 – Mai 2019   Tech Lead   ImagineCargo

Projects: Panda, Samba   Area: Green Logistics

Responsibilities:

- Leading the process form costumer's idea to production and helping with implementation
- Designing and implementing SPAs under heavy use of React
- Translating business requirements into technical requirements
- Working on Solution and defining software architecture
- Choosing and managing the working process e.g. Scrum
- Making high-level design choices and defining technical standards, tools and platforms.
- Setup and maintain GCP infrastructure
- Coordinating technical communication between nearshore team and stakeholders
- Helping in interviewing and finding the the right technical candidates and on-boarding them
- DevOps Tasks like CI, CD etc.
- Agile software development and testing
- Performing Code Reviews

Key Achievements: successful Go-Live with limited time and budged; significantly reduced the number of specification changes by proactively identifying possible problems; coordinated and coached a team with all full remote workers

Technologies Used: JavaScript, React, Redux, ImmutableJS, Webpack, Vue, NextJS, NodeJS, Express, Python, Django, Ruby on Rails, NPM, Yarn, Babel, Rest, MVC, GIT, ORM, PostgreSQL, Redis, Gitlab, Github, Google Cloud, Docker, Kubernetes, Nginx, Jira, Confluence

Jan. 2016 – Feb. 2018   Full Stack Developer   Kantonsspital St.Gallen

Projects: Guidelines.ch, CleanCareMonitor, Infekt.ch   Area: Healthcare

Responsibilities:

- Finding requirements in an iterative process e.g. observing customers using the product
- Active role in ensuring good code quality and architecture and performing code reviews
- Streamlining CI, CD and build pipeline
- Leading Role in improving application performance and maintainability
- Developing multiple PoC using rapid prototyping
- Project Planning and Project Management

Key Achievements: rebuild CleanCareMonitor with different technologies and refined requirements significantly reduced complexity and technical dept while staying in budget and delivering on time; demonstrated that rapid prototyping enables the business to validate its ideas in a much more timely fashion

Technologies Used: PHP, Symfony, IIS, JavaScript, React, Vue, NodeJS, Hapi, JWT, NPM, Yarn, Babel, Composer, MySQL, MSSQL, PostgreSQL, MongoDB, Rest, GraphQL, GIT, Github, Heroku, Flynn, DigitalOcean, Qlik, Auth0

Apr. 2011 – Oct 2015   SAP consultant   Loepfe Brothers AG

Projects: AS400 to SAP migration, Infrastructure virtualization   Area: Industry

Responsibilities:

- Active role in ensuring smooth and profitable operations of int. and ext. infrastructure
- Designing and improving Infrastructure protection and monitoring
- Project stream lead during SAP implementation and roll out
- Assisting ICT lead
- Helping to solve technical problems in collaboration with service providers
- Directly collaborating with external cybersecurity team to ensure the best possible protection
- Project Management
- Developing web applications for internal and external use

Key Achievements: mentored and developed a young IT apprentice, helped him to reach his potential and become a professional and expert on his field; professional communication with costumers on the highest level

Technologies Used: SAP, ABAP, SmartForms, VMWare ESX, vCenter, vShpere, veeam, SAN, Exchange, FTP, DNS, DHCP, WSUS, AD, Ticket Sytem GLPI, Sopos, Nagios, iLO, SNMP, Firewall, F5 VPN, PHP, JavaScript, BackboneJS, Python, Django, Bash, Shell

Languages

German ●●●●●
English ●●●●○
French ●○○○○

Certificates

Resource oriented coaching

📅 Nov. 2020 - March 2021

Lernwerkstatt Olten

Scrum Master PSM I

📅 Nov. 2020

Scrum.org

Cert. Professional for Requirements Engineering

📅 Mar. 2014

IREB

Education

B.Sc. ZFH in Computer Science

📅 Aug. 2011 – July 2015

Thesis title: Synchronization and Conflict Resolution Strategies in Web Applications

Fed. Cert. Information Technology

📅 Sept. 2006 – July 2010

GBS St.Gallen & Abacus Research AG