Yannick Reinhard Pferr

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Education

M.Sc. Business & Information Systems **October 2018 – June 2021 (expected)**
Technische Universität Darmstadt

B.Sc. Business & Information Systems **October 2014 – April 2018**
Technische Universität Darmstadt

Experience

Arlanis Reply AG
Working Student | Developer & Salesforce Consultant **January 2018 – present**

- Built a Java app on Heroku, that syncs data between Salesforce Marketing Cloud and Sales Cloud. The app was able to efficiently transfer millions of data rows without reaching API and Heroku limits.
- Developed a secure web application with login & session management that enabled users to segment audiences without needing to use SQL queries.
- Created a GUI-based app to help users with no coding experience leverage Salesforce Marketing Cloud API functionality, thus reducing setup and configuration times drastically.

Projects

Food Blog: The Filling Food Spot
Created a food blog to share healthy recipes using Gatsby.js and React. The blog is hosted on Netlify and uses Contentful CMS to serve its content.

Blockchain System Explorer
Developed a Java app for researchers that can monitor & analyze the status of any blockchain platform using a client/server approach. The collected data can be viewed and queried through a web interface. The data is stored in InfluxDB and visualized with Influx Chronograf. System metrics of blockchain nodes can also be collected with the help of Influx Telegraf.

News Sentiment Analyzer
Built a web app with a team of students that searches for specific keywords in news articles, and then analyzes the sentiment of the text. The app uses Java, Apache Kafka and MongoDB to collect the data, Solr to analyze the text, and Redis and Node.js to visualize the data in a web interface.

Gorillas Game
Implemented the Gorillas game from the 90s in Java with a team of students. The game featured multiple maps, a high score table, configurable properties, and basic animations.

Magic Mirror
Built a smart mirror with a Raspberry Pi that could display various information. The backend was built upon a Node.js open-source library. Other than the basic features of the library, the mirror could play YouTube videos and Spotify tracks, and also be control through voice using Google STT.

Skills

Programming: Java, JavaScript, SQL, HTML/CSS, Python, R, C/C++

Databases: MySQL, MongoDB

Other: Git, Gatsby.js, React, Node.js