Denys Vitali

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INTRODUCTION

Aaa

EXPERIENCE

| Jul 2018 - Dec 2018 | **Software Engineer** |
| | 🏢 Syndeck   📍 Savosa, Ticino, Switzerland |

Developed a bluetooth gateway application (in Go) that handles the communication with various medical devices. Analyzed and implemented various protocols, first in Python, then in Go. Contributed to the Node.JS / TypeScript codebase and implemented the types for the communication between the platforms with Protobuf.

| Nov 2014 - Oct 2017 | **Head of IT Department / Co-Founder** |
| | 🏢 Coelis   📍 Lugano, Ticino, Switzerland |

Started a startup at the age of 18, with the goal of providing engineering solutions to our clients problems. During my time in Coelis I've extended Invoiceplane's project to handle medical invoices, so that our clients (mainly physiotherapists) could use this tool as a service to ease their invoicing workflow. I've integrated the Sumex1 invoice generator module by creating a C# app that handled the XML request that were sent via a REST API, so that the invoicing generation could be performed directly from the webapp. The changes were then commited and merged into the existing open source project and we began selling the service.
In addition to this project, during my time in Coelis I've handled all the server management works, developed several websites, designed a couple of logos / corporate identities, implemented our whole infrastructure (Git, Jenkins, ownCloud, Docker, Postfix, Dovecot, nginx), managed our own CA and provided customer support to our clients.

| Nov 2015 - Aug 2016 | **Civil Service - Administrative help** |
| | 🏢 Fondazione Opera Charitas   📍 Lugano, Switzerland |

During my mandatory Civil Service, I've worked at Fondazione Opera Charitas to provide some administrative help. Because of my IT background, I've also had the opporunity to help them manage

their IT infrastructure by providing technical support and developing some useful tools.

During this time I've developed a software for an embedded device connected to a touch screen and a POS printer (Citizen CT-S801), that was placed in their kitchen and used to print receipts for every meal prepared by the cooks of the structure. I've also developed an Android app that was intended to run on a kiosk device (a Google Pixel C enclosed in a kiosk structure) to let the employees to pay and reserve their meal with the company's badge (LEGIC RFID badges / Mifare DESFire badges) at the canteen. This solution was developed to provide a cashless payment system in the infrastructure.

This app was also integrated with the existing cafeteria software and the *PrintReceipts* software that is running in the kitchen's embedded computer.

PERSONAL

Jun 2015 - Sep 2015

Private - Information Technology

🏢 Swiss Army   📍 Frauenfeld, Thurgau, Switzerland

Mandatory Military Service

EDUCATION

2015 - 2019

Bachelor of Science in Computer Engineering

🎓 University Of Applied Sciences of Southern Switzerland (SUPSI)
📍 Manno, Switzerland

Thesis: Gestione della produzione di prodotti DUPLEX