

Sorosh Nejad

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Education

Chalmers University of Technology

MS IN DISTRIBUTED SYSTEMS AND SECURITY

Gothenburg, Sweden

2012 – 2016

EXPERIENCES

Volvo Group Connected Solution

SENIOR SOFTWARE DEVELOPER

- Design and implementation of CI/CD pipelines on top of AWS
- Integrate pre-flight testing, Sonarqube and other security and quality assurance service to the pipeline
- Using CDK to create base components for the other teams on VGCS

Gothenburg, Sweden

2021 – Present

WirelessCar

SOFTWARE DEVELOPER SPECIALIST

- Trust Center: Design and implementation of a secure platform for creating and issuing digital keys. This system has developed primarily for VW and enable VW customers to have a digital key that works the same as a physical one. In this project, I developed back-end services using Java and Python on AWS Serverless services, CloudHSM, and KMS.
- Digital Key Booking: A car sharing system which enable VW to run a carpool. Besides the development of the serverless systems, the project needs integration of different systems across different AWS accounts using Event Bridge, SNS and SQS. Additionally, design and implementation of single-table Dynamodb databases was a part of the job.
- Update over the air: Implementation of a management system which used in distributing new software, configuration settings, and updating encryption keys into the vehicles. Throughout the projects, I used Bash and Python scripting, Docker, and Ansible to automate processes and deployments.

Gothenburg, Sweden

2019 – 2021

Volvofinans Bank

SOFTWARE DEVELOPER

- E-Control: A spring-boot application that integrated with existing services in the bank and Dynafleet outside the bank to give corporate customers full control over the company's vehicle costs.
- GDPR: Development of existing services and implements GDPR in the internet bank that required integration with Bank ID, the bank's accounting system and the account service. JMS and XML format management were the technology. The work required interaction with different teams and troubleshooting in an orchestrated system.
- Truxa: A calculation application built for Volvo dealers. The stack was the Reactive spring framework and was integrated with the bank's scoring system to provide a quick and accurate response for loans and leasing customers.

Gothenburg, Sweden

2016 – 2019

Volvo Trucks

ANDROID DEVELOPER

- Android application development: the application which could control a vehicle infotainment system using Low Energy Bluetooth.
- Design and implement of a secure connection between a mobile device and an infotainment system in a vehicle

Gothenburg, Sweden

2015 – 2016

Skills

Programming Languages:

Java, SQL, Python, Bash

Java frameworks:

Springboot, Spring framework, Hibernate, JMS, RxJava

Cloud engineering on AWS:

Design solution systems on AWS, Well architected framework, Serverless patterns

Developer and CI/CD tools:

Git, Ansible, Docker, Jenkins, Nexus, Elastic search

Software development methodology: Agile, SAFe

Awards and Certificates

May 2020 **AWS cloud practitioner,**

Amazon web services

May 2015 **Selected Application,**

Volvo innovation challenge