

Adriaan Knapen

Software Engineer

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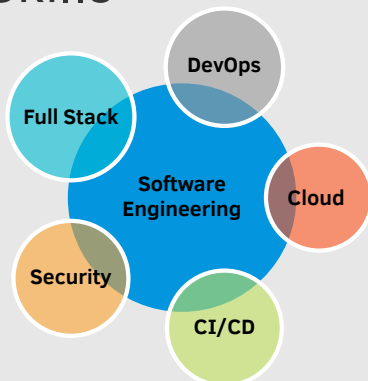
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Skills



0 —————> 360+ hours

TS • Python • PHP • HTML5 • SQL

JS • Java • GraphQL • Unity • React

C • R • Arduino • Django • Scala • Go

Projects

TekniLight - Full product IoT indoor lighting project. `#TS` `#React` `#Python` `#CD`

This Curriculum Vitae - Automatically deploys the latest version to `cv.aknapen.nl`. `#LaTeX` `#GitlabCI`

Populartimes API - Public API for retrieving the “Popular Times” details from the Google Maps SDK. `#Serverless` `#TS`

Make Sauna Great Again - Making sauna sensor data actionable @ Junction 2018. `#Python` `#Serverless` `#GoogleCloud`

Foodathon Solutions Market - A hackton platform for an e-conference. `#Python` `#Django` `#CICD` `#PostgreSQL`

Lisa - A web application to track expenses. `#PHP` `#JS` `#MySQL` `#HTML5`

fhttp - A user friendly tool for employing man-in-the-middle attacks. `#Python`

LaTeX Logbook Manager - A `LaTeX` package to track, display and present the time you spend. `#LaTeX`

Education

Sep 2019 - 2020 **Master Cloud Computing & Services** KTH Royal Institute of Technology Stockholm, Sweden

- Double degree program offered by EIT Digital Master Schools.
- Writing his master thesis on chaos engineering in multi-cloud environments.

Jul 2019 **EIT Digital Summer School: ML for Financial Data** ELTE Budapest, Hungary

Sep 2018 - Jun 2019 **Master Cloud Computing & Services** Aalto University Espoo, Finland

- *GPA of 4.67 / 5.*
- Minor in Innovation & Entrepreneurship.
- Double degree program offered by EIT Digital Master Schools.

Sep 2015 - Jun 2018 **Bachelor Software Science** Eindhoven University of Technology Eindhoven, The Netherlands

- *Attained the bachelor's degree Cum Laude (avg. > 8; thesis > 9).*
- Finished the Technology Entrepreneurship USE trajectory.

Jul 2017 **Peking University Summer School International** Peking University Beijing, China

Experience

Jun 2019 - Present **DevOps Consultant** Eficode Helsinki, Finland

Jan 2019 - Dec 2019 **Research Assistant** Aalto University Espoo, Finland

- Created a street lighting digital twin (“simulation”) for the EIT Digital Activity Get Home Safely.

Jun 2018 - Sep 2018 **Freelancer** Wageningen University Wageningen, The Netherlands

- Designed, developed and hosted the e-conference platform Foodathon Solutions Market for the SGD Conference.

Dec 2016 - Jul 2018 **Junior Software Developer** triptic Eindhoven, The Netherlands

- Part of the Core Development Team working on improving, extending, and securing Iris Intranet.

Extracurricular Activity

2018 - 2020 **Hacker** Various Hackathons Espoo, Finland - Helsinki, Finland - South-Hampton, UK

2020 RAW.Galileo.London, 1st in track “Verified Location”; Data Against COVID-19

2019 Galileo Innovation Challenge, 2th in track “Accuracy Matters”; Junction 2019; StupidHack; IoThon; FireHack

2018 Junction 2018, 1st in challenge “Hack the Sauna”

Feb 2017 - Jan 2018 **Participant & Ambassador** Netherlands-Asia Honours Summer School The Netherlands & Beijing, China

- Consultancy case for Trouw Nutrition (part of SHV Holdings) on the reduction of *antibiotic growth promoters* (AGP) in the feed additives industry.
- Multiple workshops related to group work, self development and Chinese business culture.

Aug 2015 - Jul 2018 **Scouts Leader** Scouting Impeesa Amersfoort, The Netherlands