# Profile

Dexter is a cheerful and focused senior who likes to create comfortable digital work environments with a focus on user experience and application performance. In order to make sure he will deliver high quality he always first assures himself that he has a perfect understanding of the customer's processes and workflows by asking the right questions. In doing so he focuses not only on what the customer asks but tries to clarify what they really want and need.

Dexter has a critical eye for user interfaces (UI) generating good user experiences (UX). This comprises not only the positions and styling of elements, but also on the functionality each element provides, their accessibility and if they fit for a comfortable workflow. These are typical points Dexter values and has spent a lot of time on, also outside of work.

Dexter prefers an agile way of working in which there is a quick feedback loop with the customer which he considers of great importance for timely corrections, right expectations and mutual understanding while developing the solution.

As an example of his qualities, Dexter started at a large Dutch Bank one week after joining FruitionPartners. There he successfully created a custom build (scrum) task board, that better fulfilled the bank's needs than the existing solution. As a result he was asked to also create a planning board and a portfolio board. He delivered these solutions with the goal in mind of creating a high performing comfortable digital work environment, in this case for all scrum teams of the bank.

For a front-end to be fast in most cases it requires a fast back-end. To achieve this Dexter has built a back-end framework in Node.js inspired by accumulated knowledge from working with several tech stacks of customers and employers. It is built to easily add functionality and exchange data with the client-side, which can also be server-side initiated. Any part that may require serious performance can be swapped out for a Node.js native module written in C/C++/Rust/Go or Zig. uWebSockets.js is an example of this and is used for network communication.

During his education in mechanical engineering Dexter chose to work in projects involving mechatronics because of his affection with mechanics, electrical engineering and programming. He worked on the following items:
- creating and connecting a website interface with the movements of a 6 axis robotic arm.
- creating a quadcopter with a gimbal (stabilizer) for a camera.
- using a raspberry pi to create a remote controlled vehicle which receives commands through a website interface.

# Personal Details

**Residence**
Township Haarlemmermeer, NL

**Year of Birth**
1992

**Driver's License**
B - Standard Car License

# Education › General

|  |  | Diploma |
|---|---|---|
| 09-2014 – 08-2015 | Linking year @ Technical University of Delft | no |
| 09-2011 – 08-2014 | Mechanical Engineering @ The University Of Applied Sciences Rotterdam | yes |
| 09-2010 – 01-2011 | Biomechanical Engineering @ Technical University of Eindhoven | no |
| 09-2004 – 08-2010 | Pre-university education @ Develstein College | yes |

# Education › Training

|  |  | Certificate |
|---|---|---|
| 02-2021 | Multiple educational rooms @ TryHackMe.com | n.a. |
| 04-2018 | OutSystems Associate Web Developer @ Outsystems | yes |
| 10-2017 | Associate Developer Web @ OutSystems | yes |
| 03-2016 | Scripting training @ ServiceNow | yes |
| 02-2015 | System Administrator training @ ServiceNow | yes |
| 01-2015 | ITIL v3 foundation | yes |
| 01-2011 | VCA Safety For Operational Supervisors ice, License | yes |

# Skills

**Expert**

| | | | |
|---|---|---|---|
| HTML | CSS | Javascript | NodeJs |
| Git | WebSockets | API's | jQuery |

**Experienced**

| | | | |
|---|---|---|---|
| SolidJS | MongoDB | Cloud Infrastructure | REST |
| PHP | MySQL | Linux | RaspberryPi |
| Arduino (C) | Agile | Scrum | DevOps |
| ServiceNow | Outsystems | Figma | |

**Intermediate**

| | | | |
|---|---|---|---|
| AngularJS | IT4IT | SOAP | ITIL |

# Languages

| | | |
|---|---|---|
| Dutch | Spoken | Native language |
| | Written | Native language |
| English | Spoken | Professional |
| | Written | Professional |

# Professional experience

Work as **Full Stack Engineer** is performed on the Dexterous Solutions Platform and often includes working as an **IT business analyst** as well.
Work as **Technical Consultant** is performed for ServiceNow.
Work as **Outsystems Developer** is performed on Outsystems.

# Professional experience › Over The Web (07-2021 - present)

### Full Stack Engineer @ Portex Logistics (12-2023 - present)
For Portex Logistics Dexter created a design for an application in which Portex can manage their truck drivers and cargo and give a more accurate estimate about delivery to customers. Right now it requires a lot of manual actions to know where truck drivers are and check if they are still expected to deliver on time. With this application drivers will have an app on their phone in which they can provide their GPS location and also get into contact with Portex directly in case of a problem or delay. Via the app the drivers will also be able to fill in a form with some questions about the cargo and provide an image as proof and have the customer sign for pick-up and/or delivery. This will automate most of the steps required for each transport. This is expected to lower the bar for the truck drivers to keep their documentation in order and improve document / proof traceability for Portex Logistics.

### Web Developer @ Portex Logistics (12-2023 - 03-2024)
For Portex Logistics Dexter developed a single page interface in which a potential customer can create a transport request to pick-up goods in NL and deliver them to Spain. They are guided through the steps of creating the transport request and get a price estimate based on their provided information. In case the information is out of scope the request will be sent to the sales department instead. The data used to determine the price is provided by Portex Logistics via excel sheet and is read by the application.

### IT business analyst @ Kwekerij de Noordpoel (10-2023 - present)
Kwekerij de Noordpoel had problems with their workflow. Preparation of their inventory and keeping it up to date required a lot of manual labor which was also rather error prone. Especially during the high season this causes a lot of extra work and puts a lot of stress on management. Dexter mapped their workflow and identified the pain points and made proposals and a design for a mobile application to get them resolved. Together with Noorpoel's management Dexter had several meetings with the ERP supplier to get these points resolved and improve Noordpoel's workflow.

### Full Stack Engineer @ Rijnmondfit (05-2023 - 07-2023)
For Rijnmondfit Dexter developed an access control application. This application allows Rijnmondfit to easily check if their gym members are actually the people entering the gym. They noticed several members let other people enter with them or let other people use their access card. They could not really pinpoint how often this happened since figuring this out took a lot of manual effort. The access control application has integrations with: the member management application, the badge access application and the camera system. These 3 sources combined presented in the access control application allowed Rijnmond fit to go from random checks of 10-15 minutes for 2-4 members to a 100% access control only requiring 3-10 seconds per member greatly reducing the misuse of the RijnmondFit services. With the entry and exit data Dexter also created a [live feed of the current and historic occupation](#) (see "live bezetting") of each of the gym locations.

**Full Stack Engineer @ AppYourTime** (02-2023 - 04-2023)
The customer AppYourTime had an application idea to keep track and manage the working hours of an employee. The problem they often run into in their industry is that employees tend to leave too early but still write hours, which customers do not tend to appreciate. On request of AppYourTime Dexter created a mobile interface that allows employees to "start" and "stop" their workday, but also keep track of the GPS location when the "start" or "stop" is pressed. Thereby making it a lot harder for an employee to leave early and fake their work time. This project was discontinued by OverTheWeb due to lack of a definitive financial agreement with the customer.

**Web Developer @ Fysiotherapie Rijnmond** (10-2022 - 03-2023)
For Fysiotherapie Rijnmond Dexter developed their [website](). The focus and improvement over their previous website was mobile accessibility, a better call to action (CTA), a better SEO and a more professional look. Google Ads has been re-configured to better suit their needs and not waste marketing budget on low to zero probability conversions. Fysiotherapie Rijnmond has since experienced a doubling of the amount of patients finding them via the website.

**IT business analyst & UX Design @ Driessen Container Service** (10-2022)
The customer Driessen Container Service (DCS) required a way to easily create assessments of their containers. Though some only required cleaning, most of them required several forms of maintenance  so they would be able to be certified again for usage. For this customer Dexter designed a UX which would structure and improve the workflow as well as directly linking pictures to the right parts of the containers for later certifications and inspections. The design has been used by DCS to improve the application of their supplier.

**Full Stack Engineer @ Randstad Elektronics** (02-2022 - present)
For Randstad Elektronics Dexter developed an application to make it easy for customers to create and manage parking reservations for their guests and employees. Especially with entering the license plate the users often do not follow the requirements of the current system, which are rather restrictive (ab123cd, no capitals, no dashes, no [*trailing*] spaces). The application is not only for the customers of Randstad Elektronics but also for themselves as they can quickly set up and manage complete parking lots and divide them over their customers. The supplier of the access control system for Randstad Electronics however has been extremely slow in responding to API requirements and bugs and has often delivered faulty solutions, so this project is not actively developed.

**Technical Consultant @ NN Investment Partners (NNIP)** (01-2022 - 04-2022)
For NNIP Dexter worked on ServiceNow ITSM, catalog items, workflows and portal Interfaces. Dexter also helped the NNIP team to improve their way-of-working as the stand-ups were not that efficiënt and stories were insufficiently defined. This was only a temporary assignment to help out a partner of OverTheWeb.

**Full Stack Engineer @ VEM BV** (08-2021 - 12-2021)
The customer VEM BV required a mobile application for hour registration for the employee's. Additionally they required the possibility to create service reports, manage projects and have an overview of all hour registrations using different filters. This project was discontinued by OverTheWeb due to lack of a definitive financial agreement with the customer.

# Professional experience › Fruition Partners (10-2015 - 06-2021)

**Technical Consultant @ FOD** (09-2020 – 03-2021)
For the Federal Public Service Finance in Belgium (FOD) Dexter has worked on multiple back-end integrations. He worked on the Outlook Exchange Integration (which FruitionPartners provided as an additional Service on ServiceNow). He also worked on an integration with Syncore, which is a system that provides physical access for guests and employees to the FOD building. He made use of the ServiceConnector (a FruitionPartners tool, speeding up the process of setting up integrations) to set up the Syncore integration.

**Technical Consultant @ DNB** (11-2020 – 12-2020)
After the go-live of DNB quite a lot of parts (excluding the integrations) had not been tested properly/at all by the customer resulting in a lot of issues. This period Dexter was asked to assist in resolving them. Most of the issues Dexter worked on resolving were related to catalog items and their workflows.

**Technical Consultant @ Honeywell** (10-2020 – 11-2020)
For Honeywell Dexter created a back-end integration between Honeywell and their supplier. Incident tickets created with a specific status needed to be synced between the supplier and Honeywell. Not only ticket information needed to be synced but also attachments added to the tickets. The sync was set up using a REST API.

**Outsystems Developer @ FruitionPartners** (09-2020 – 10-2020)
For a customer product of FruitionPartners Dexter worked on improving the Data Replicator. The concept worked but lacked somewhat in performance when handling very large amounts of data. Dexter's expertise in performance optimizations showed a large improvement up to a certain point. However the product Outsystems was abandoned so therefore the efforts were discontinued.

**Technical Consultant @ DNB** (12-2019 – 09-2020)
Via Centric Dexter has worked for the Dutch Bank (DNB). He created back-end interfaces required by DNB for the transfer to ServiceNow. He created interfaces with the following tools: SSO, SAP HR (REST), The-Hive (REST), Omnimove (via Mid-server), SAP-BO (via Mid-Server) and the ECB; international ticket communication between banks (via Mid-Server).

**Full Stack Engineer @ Modum** (03-2019 – 06-2020)
The Building management system assists building owners in managing their facilities which require regular maintenance. The application is a bridge between the building owners and the contractors performing the maintenance as it supports both parties in keeping track of the work and contracts. Dexter has created this solution from scratch, starting with figuring out the wishes and actual needs of the customer and turning them into multiple design documents. Then he started to work on the actual code (front-end and back-end) to achieve the desired results.

**Technical Consultant @ Santander** (11-2019 – 02-2020)
For Santander, the biggest bank in Europe, the Facility Security Management (FSM) project has been set up to handle security incidents. In this project Dexter has assisted the PM in managing the team in the PM's absence. He also worked on developing different aspects of the interface and functionality to improve and enrich the product.

**Outsystems Developer @ FruitionPartners** (10-2019 – 11-2019)
FruitionPartners had the wish to be able to have multiple customers using the same application but have their data isolated from one-another. This way only one application needs to be created and maintained while supplying services for multiple customers. Outsystems provides tenants for this requirement, which allow for data separation. However there is no interface available from Outsystems to manage (create, update and remove) these tenants. Therefore Dexter has developed an interface which allows for management of these tenants.

**Technical Consultant @ FruitionPartners** (02-2019 – 07-2019)
The Service Connector is a ServiceNow app in the app store which makes it possible to configure integrations instead of having to code them. For this already existing project a complete rework of the code and some of its functionality has been made. Dexter has provided a lot of input on how to technically build and structure the project code and introduced the way of working using GIT as a version management tool.

**Outsystems Developer @ Van Iperen BV** (06-2018 – 02-2019)
Outsystems Application Development (web & mobile) for VanIperen BV. Here Dexter worked on new functionalities for their customer environment mobile/desktop and improved the workflow for the planning crew by creating a UI in which the planning crew could manage customer supplies of liquid fertilizers in google maps.

**Outsystems Developer @ Fruition Partners** (03-2018 – 06-2018)
The Frapp is an internal app for Fruition employees that supports the office services. In this project both Mobile and Web development is used.
In this project Dexter was one of the developers who was responsible for the development of the Fruition application with Outsystems Application Development.

**Full Stack Engineer @ Restaurant Las Palmas - Herman Den Blijker** (03-2017 – 03-2018)
For Restaurant Las Palmas Dexter has created a reservation application from scratch. This application replaced their existing application which did not meet their requirements. The biggest one of them was having a dynamic interface surrounding their table reservations, which remained static in their old application and therefore did not provide for an accurate representation of their capacity and restaurant layout.

**Technical Consultant @ Delta Lloyd** (05-2017 – 02-2018)
For Delta Lloyd Dexter made integrations between legacy systems and their new ServiceNow environment. The biggest one being a transfer of all the Lotus Notes service desk data and maintaining all links and formatting after the transfer.

**Technical Consultant @ Atos - Nokia** (01-2017 – 03-2017)
For Atos/Nokia Dexter worked on the transition of the old ServiceNow Portal to the latest version. A lot of catalog items required quite a lot of script adjustments to work on the new portal.

**Technical Consultant @ ING** (10-2015 – 12-2016)
During one of the first meetings at the bank ING Dexter picked up, they required a solution for a functionality they were going to miss transfering to ServiceNow. They wanted integrated scrum boards (task board and planning board). Dexter created these from scratch for them, fully integrated with ServiceNow. The customer was quite satisfied and also requested a custom made portfolio board which Dexter also created. The boards were being used on a daily basis by 8.000 - 12.000 ING employees.

**Technical Consultant @ Logicalis SMC** (later Fruition Partners) (11-2015 - 11-2015)
In this project Dexter created a program for Logicalis SMC which can upload locally created code to ServiceNow by simply saving the changes made in the local code. It's text editor independent and allows for a far faster development of code heavy projects.

# Professional experience › Dexterous Solutions (08-2015 – present)

In 08-2015 Dexter started his own company Dexterous Solutions. The goal was to rapidly develop business applications. These applications would be built using the platform Dexter has been developing. It started out as experimental pieces of code which overtime turned into a platform using rather new concepts for application development. Two months after starting the company Dexter started working for Logicalis SMC (later Fruition Partners) so the development of the platform slowed down. Currently however the platform has had a few iterations and is being used for multiple customers for their core business logic and for a game as well.
The work for Dexterous Solutions is performed in spare time.

### Full Stack Engineer @ Constater One (03-2023 - present)
For Constater One Dexter developed an application which allows Contater One customers to make accurate fitness assessments of real estate houses and buildings. These assessments determine how much of a house needs to be repaired and how much and what type of modifications are required to do so. These assessments can be made online/offline using tablets including adding images as proof of the damage. Upon connection this data gets synced. Multiple assessments are made and used for reports and to create one or several budgets to give price estimates to the customer's customer. The application is built in such a way that Constater One is a customer of themselves which allows them to also sell this product to their semi-competitors and push this software to be the de facto standard for the industry.

### Hobby Project @ P1 monitor (02-2023)
Dexter created a connection with the Smart Energy Meter in his own house via the P1 line to his Raspberry Pi. He wrote code to interpret and store the P1 output which gives insight into the energy consumption in his house on a per second basis.

**[ TutorTC read from bottom (TutorTC - POC) to top (TutorTC - Payment application) ]**

### Full Stack Engineer @ TutorTC - Payment application (11-2022 – 06-2023 & 10-2023)
To allow customers to enroll themselves and have automatic invoicing and payments, two integrations have been made. One with Mollie for the payments and one with uurtje-factuurtje.io for invoicing. The payment application has an environment for parents to login to in which they can manage their children's subscriptions. The payment application can also create and deactivate students on the TutorTC chat application as a result of successful or failed payments..

### Full Stack Engineer @ TutorTC (01-2022 – 05-2022)
Added more functionality to TutorTC like push notifications and resolved a few small findings of the MVP test to make it a fully functioning live-chat application.

**Full Stack Engineer @ Uurtje Factuurtje** (11-2021 – present)
Uurtje Factuurtje is an application created by Dexter for himself in which you can easily create and manage invoices and see them update in real-time as you type. Since 12-2023 a new functionality has been added. This is a work hour registration module in which you can create projects which contain trackers and register worked hours on those projects/trackers. On the overview page you can select a time window and one or several projects and see the hours registered, which in turn can be used to create invoices. The application has been created in such a way that multiple companies can use it to each keep track of their employees.

**Full Stack Engineer @ Juu Hachi** (02-2021 – 06-2021)
Juu Hachi is an all-you-can-eat sushi & grill restaurant. Dexter's experience with their existing order application had been rather poor, so he made a proposal to build a new application with a far better user experience. After seeing the designs with new functionality they agreed. He also resolved issues the old system had in which some of the orders were made but not being printed and printing being delayed.

**Full Stack Engineer @ TutorTC - MVP** (01-2021 – 03-2021 & 08-2021 – 11-2021)
Based on the findings of the POC and some new insights, Dexter set up the scope for the MVP with the customer. Features have been added and adjusted to realize the MVP. During 11-2021 there was a test of the MVP with a large number of students and tutors.

**Game Developer @ SubwayShuffle** (12-2020)
Subway Shuffle is a puzzle game Dexter used to enjoy a lot. It however was discontinued around 2010 and has not been available anymore since, so he built the game himself. It can be played and installed as an app on https://subway-shuffle.dexterous-solutions.io. It's really fun, try it! =)

**Full Stack Engineer @ TutorTC - POC** (08-2020 – 11-2020)
TutorTC is an initiative of a math teacher and his friend to have an application in which they provide assistance to students in beta subjects using live-chat and images. The goal is for students to have a quick way of getting help with their homework assignments or exams when they get stuck instead of getting distracted and stop/delay working. Dexter has made an analysis of all their wishes and turned them into contained parts to complete. The first part being the Proof Of Concept POC in which a lot of the UI was created and the ability for students and tutors to chat.

## Professional experience › Other

**Web Developer @ a friend of mine** (09-2012 – 08-2015)
A friend of mine is a digital agency with a focus on social media. Here Dexter learned how to work with frameworks, libraries and how to bring structure to your code. He also had the opportunity of working under pressure because of tight deadlines and creating complicated user interfaces with a lot of back-end processing.

**Software Engineer @ ViriCiti B.V.** (02-2014 – 08-2014)
ViriCiti B.V. is a company focussed on improving reliability, insight and range of electric vehicles. Alongside several UX improvements, Dexter created a program which was capable of tracking energy consumption of the electric vehicles during their operations on specific routes in real-time. This information was then shown in google maps with colors to indicate high and low consumption parts of the route.

**Web Developer @ Towergod** (04-2010 – 09-2011)
Towergod was a real-time strategy game. Dexter made several UX improvements on the existing UI and new interfaces were realized to make the game more user friendly by making the interface more intuitive.

**Web Developer @ Develstein College** (02-2010 – 02-2010)
Dexter created an application in which tournament scores could be tracked. Physical education teachers used this to validate the work of the students organizing the tournaments.

## Hobbies & Interests

**Hobbies**
Basketball, Playing the piano, Windsurfing, Snowboarding, Raspberry Pi projects

**Interests**
Mechatronics, Programming, Robotics, Mechanical engineering, Biomechanics, Space Industry, Logic puzzles, Technology.