SEBASTIAAN SCHIMMEL
Full Stack Developer

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I'm an experienced software development professional who turns ideas into reality by writing code for the web and the internet of things.

Starting projects from scratch, working on an architecture, picking the right technology stack and setting-up the infrastructure isn't for everyone. It is however where I excel at. I work with or as the product owner to turn ideas into a workable backlog, setup the software development process and tools like continues integration and write the first version of your code to get your idea of the ground quickly without compromising on quality.

SKILLS OVERVIEW
Languages
Node.JS, PHP, Go, HTML, CSS, Javascript

Frameworks
Sails.JS, Express, Meteor, Laravel, jQuery, Bootstrap, Materialize

Software
MySQL, Elasticsearch, Neo4J, Git, NGINX, Apache, Docker, Mesosphere, Android Studio, Redis, OSX, Linux

WORK EXPERIENCE

EasyOptimize (RWE)   Full Stack Developer
Mar 2016 – Present

easyOptimize (part of RWE) is developing a new smart energy solution to face the challenges of distributed energy production by creating communities of electricity producers and consumers. For this a new software and hardware platform is developed for which I've setup the technical architecture and infrastructure as well as developing the platform in Node.JS, Go and some PHP.

Tech stack: Node.JS, PHP, Go, Electron, MySQL, Neo4J, Elasticsearch

AcouTronics   Architect / Consultant
Jan 2016 – Feb 2016

AcouTronics needed advice on the systems architecture for a new to develop data reporting application. After collecting their functional requirements, I wrote the technical design for this application

Enrise   Freelance Developer
Nov 2015 – Jan 2016

For Enrise I worked on API and ElasticSearch plugin development using Node.JS for the API and Java for the Elasticsearch plugin. I delivered several new API's and extended existing ones. The ElasticSearch plugin that I extended is used to run custom calculations on search results.

Enrise uses Scrum and works according to Test Driven Development.

Tech stack: Node.JS, Elasticsearch, Java, Grunt, Mocha, Sinon, Chai, Restify

Hugo   Co-founder
Dec 2014 – Oct 2015

As co-founder I designed and developed the Hugo platform using Node.JS, PHP and Meteor with Java for the [Hugo Encounters](#) Android app. The platform is designed in a micro services architecture with the services running in Docker containers. I used Amazon Web Services with Mesosphere (Mesos + Marathon) for the DCOS to create a highly flexible and scalable platform. At Hugo I worked with one remote developer. Total team size 5 employees and 3 founders.

Centrally in the Hugo platform is the REST API written in Node.JS using Sails.JS for the framework. The API communicates with the MySQL database and the other services. The [website](#) and customer backoffice are written in PHP using the Laravel framework. Experiences are collected using a Meteor web application. Background workers written in PHP with Laravel handle all background related tasks like sending email and calculating scores. These workers listen for jobs on a SQS queue.

Tech stack: PHP, Node.JS, Meteor, MySQL, Android, Java, Redis, Elasticsearch, Docker, Mesosphere (Mesos + Marathon), Git, SailsJS, Laravel, HTML, CSS, Javascript, jQuery, Bootstrap, NGINX, Amazon Web Services (AWS), SQS, S3, EC2, RDS, Cloudfront, Route53, Mandrill, API, REST, Facebook API, JSON. Complete stack on [stackshare](#).

Urban Farm   Founder
Apr 2013 – present

Born out of a hobby for urban farming I started a webshop supplying Dutch consumers with urban farming supplies. The store is build using Magento, PHP, MySQL and a customized template. I maintain my own server hosting the store.

Tech stack: PHP, MySQL, Magento, HTML, CSS, Javascript

Paylogic International   Product Manager
Nov 2013 – Oct 2014

As product manager I was responsible for the on- / offline sales channels and Paylogic's entrance management solution. I worked with three development teams as a Scrum Product Owner.

During my time at Paylogic I developed and launched a new mobile friendly version of their online ticket shop used by 3 million customers per year, greatly improved their point of sale solution for door sales and delivered the first version of the open API.

Divehub   Founder
Jan 2013 – Nov 2013

The idea behind Divehub is to enable scuba divers to find the best places to dive and easily book their travel arrangements. While the general travel industry has moved to direct packaging where travellers design their own travel experience instead of relying on ready-made packages the scuba travel industry is still selling these packages. I set out to change that with Divehub.

Scuba divers keep track of their dives in a logbook that's still mostly done on paper. Paper logbooks get lost, can be forgotten and don't allow to share dive experiences easily. Divehub enables divers to keep track of their dives online and using an Android app. Dives are synced between devices and online and are always available and shared easily.

Tech stack: PHP, MySQL, Android (Java), HTML, CSS, LESS, Javascript, jQuery, API, REST, Laravel, Amazon Web Services, Flickr API, Facebook API, JSON.

Raet   Productverantwoordelijke
Jun 2011 – Feb 2013

The position of Productverantwoordelijke combines the roles of Product Manager and Unit Manager. I lead the development efforts of the Raet Talent Management System. The SaaS software was developed by three teams of which two were offshore in India in .Net on the Microsoft Azure platform.

I finished the migration from PHP to .Net and added several new features, setup partnerships with other software vendors and lead the customer focus groups. The software was developed using Scrum.

Raet   Productverantwoordelijke
Nov 2010 – Jun 2011

The position of Productverantwoordelijke combines the roles of Product Manager and Unit Manager. I lead the development efforts for the HR Core system for the for-profit market. Total team size was 21 in-house software engineers, analysts and testers.

Responsibilities included user research, roadmap creation, backlog management, pre-sales activities, partnerships and customer relationship management.

Raet   Project Manager Development
Amersfoort
Jun 2010 – Nov 2010
Setup the project to migrate to applications bought by Raet from PHP to .Net and integrating them in the Raet portal. Other responsibilities included the daily management of the development team and creating a roadmap for future product development after the migration was finished.

Raet   Consultant
Amersfoort
May 2007 – Jun 2010
Advised customers on HR processes and how to best use Raet software. Configuration of Raet software for customers. Training users on how to use Raet software. Project management.

Developed a PHP application used for migrating and importing data in one of the payroll applications.

COURSES

Udacity   Product Design

Prowareness   Scrum Product Owner
                                     In company training as Scrum Product Owner

Capgemini Academy   Prince2 Practitioner

CLU – University of Utrecht   Didactic Skills

EDUCATION

Saxion Hogescholen   Bachelor Business Administration
2002 - 2009   International Business and Management
                                     Studies
                                     Major in E-Business

SIDE PROJECTS

Dromotica

Dromotica enables users of the open source home automation system Domoticz to control their home from their Android phone. It adds geofencing and NFC control to the system.

Dromotica is available in the Play store and is installed on over 10000+ devices worldwide.

Tech stack: Java, REST Api, JSON

OTHER ACTIVITIES

Duikvereniging NoBaToWa   President
Nov 2015 – present

Duikvereniging NoBaToWa   General Member of the board
Mar 2009 – Mar 2010

Stichting Brink21   Member of the board
2003 – 2005

LANGUAGES SPOKEN

Dutch   Native speaker
English   Fluent
German   Beginner

SKILLS MATRIX

	1 (Novice)	2	3	4	5 (Expert)
Programming languages					
PHP			X		
Node.JS				X	
Go		X			
Python	X				
Java (Android)		X			
HTML			X		
CSS3			X		
LESS			X		
C++ (Arduino)		X			
Frameworks					
Laravel				X	
Sails.JS				X	
Meteor			X		
jQuery				X	
Bootstrap				X	
Materialize CSS			X		
Databases & Datastores					
MySQL				X	
Postgresql		X			
Elasticsearch			X		
MSSQL		X			
Redis			X		
Amazon RDS				X	
MongoDB			X		
Neo4J			X		
Hosting & Servers					
Docker			X		
Amazon EC2				X	
Amazon S3				X	
Amazon SQS				X	
Amazon Cloudfront				X	
Amazon Route53				X	
Mesosphere			X		
Operating systems					
Ubuntu Linux				X	
OSX				X	
Windows				X	
Servers					
Apache		X			
NGINX			X		
Testing					
Sinon		X			
Chai		X			
Mocha		X			
Other					
Bamboo			X		
Teamcity			X		

Mandrill				X	
Transloadit				X	
Magento		X			
Haproxy			X		
Scrum				X	
Kanban				X	
Tools					
Git				X	
Android Studio				X	
Sublime Text				X	
Atom				X	
SourceTree				X	
Trello				X	
Grunt		X			
IntelliJ			X		