Sebastian Robert Karlsson

Sebastian is an ambitious programmer, Linux enthusiast and full stack developer.

Sebastian, despite his age, has years of experience in Frontend and Backend Development.

Sebastian is an incredibly driven developer who has worked in many different projects such as; intranet, web pages, APIs, Commandline tools, mobile applications, desktop applications and game engines.

To keep up to date with latest technology is something that Sebastian sees as a matter of importance, especially in web development, where everything is constantly changing. Sebastian has had the opportunity to work with big companies such as Volvo, EPC Groupe, Academedia, Gothenburg University, Offecct.se and much more.

Sebastian's main techniques that he prefers to work with is (but not limited to):

- Javascript
- Typescript
- Node.js
- React
- Python
- C
- C++
- OpenGL
- Bash
- SQL
- CSS
- SASS
- Linux

Companies

2020 - now (current) Teacher at Codic Education

Working as a teacher in IT-related subjects at different schools.

2019 - 2021 PAX H.

As a consultant from my own company, I helped write an application for this company.

Some of the technologies I used were:

- Javascript
- Typescript
- Node.js
- React
- Firebase

2019 - now (current) Self Employed

Running my own business as an IT-consultant

2017 - 2019 Annevo AB

Fullstack Developer While working at Annevo, I was also working with other companies such as:

- KVDBil
- Shopcorn
- EPC
- Volvo (Trucks)
- RGNT Motorcycles

2016 - 2017 Knowit

System developer

2015 - 2016 Duva AB

System & Web developer

Below are some of the projects Sebastian has been involved with:

2020 - 2021 (Secret project with customer)

As a full-stack developer, I was developing an economy system application.

- React
- Javascript
- Node.js
- Firebase

2018 - 2019 KVD Bil

Backend developer, writing micro-services in Python for an auction site.

- Python
- Javascript
- React
- Kubernetes
- Docker

2017.10- 2018.05 Podmosphere

Backend developer of Podmosphere's MVP / Beta, has been involved in setting up architecture and code base for the entire project. Podmospheres platform is scalable and tested throughout product development. Full launch will take place in January 2018

- Python
- MongoDB
- Javascript
- React.

2017.11 - 2019 EPC

Full-stack developer with the responsibility to develop a prototype of drilling / blasting equipment. Built in Python for mobile / web applications.

- C
- Python
- Javascript

2017.08-10 - 2018 SE360

Full stack developers in a team of 3 people, focus on prototyping a concept / MVP to simplify managing digital printer for brokers. The project has grown into a finished product with launch in Q1 2018

- Node.JS
- React
- Javascript

2016 Gothenburg University website

Component development. JSP, Java, Velocity and more.

- Java
- JavaScript
- CSS
- JSP (Java Server Pages)
- jQuery

2016 Bohusläns Museum

Web development

- CSS
- jQuery
- PHP

- WordPress
- SQL
- Less

2016 WTC Gothenburg (World trade center)

Wordpress site, Wordpress site management, mostly Backend development.

- PHP
- WordPress

2015 Academedia

Development of new intranet in Wordpress, as well as building a search engine with the help of elastic search. Backend and frontend development.

- JavaScript
- CSS
- PHP
- WordPress
- SQL
- Elasticsearch
- Sass
- React

2015 Academedia - student health plan creation tool

Web application where schools can create student health plans that can then be exported in different formats. Backend and frontend development, as well as database modulation.

- Python
- Elastic Search
- Nginx
- Debian
- JavaScript
- Python
- CSS
- SQL
- Elasticsearch
- Flask
- Sass
- React

2015 Ulricehamns Kommun

Website built in Wordpress, Backend, frontend and search engine.

- JavaScript
- PHP
- Solr
- WordPress

2015 Offecct membrane configurator

A wall membrane configurator that customers would use when ordering. Backend + frontend, mostly Javascript

- JavaScript
- PHP
- SQL

2016 API-server for brokers

Developed an API server that brokers could connect their webpage to. Using the API server, they would insert items and they would appear on multiple sites like Blocket.se, Hemnet.se, etc. Backend development but also some frontend development.

- PHP
- XML
- SOAP
- SQL
- OAuth
- JSON

2015 Vara kommun (vara.se)

Website built in Wordpress. Backend + frontend

- CSS
- PHP
- WordPress

2015 Tranemo.se

Website built in Wordpress. Backend + frontend

- CSS
- PHP
- WordPress
- SQL
- Sass

2015 Lidköping Kommun

Website built in Wordpress. (lidkoping.se) Backend + frontend

- JavaScript
- CSS
- PHP
- WordPress

Skills

Programming & Scripting languages

- C++
- C
- JavaScript
- Node.js
- Python
- PHP
- SQL
- Java
- Go
- UNIX shell scripting
- Bash Scripting
- JSP (Java Server Pages)
- HTML5
- CSS

Operating systems

- Linux
- OS X
- Mac OS
- Ubuntu
- Debian
- Arch Linux

Frontend Frameworks & Frontend Libraries

- React
- Vue.js
- JQuery
- Sass
- Less
- Requirejs

Backend Frameworks & Backend Libraries

- Django
- Symfony
- Flask

Server Technologies

- Nginx
- Apache
- Tomcat

CMS Software

- Wordpress
- Wagtail CMS
- Kirby CMS

Interactive Media development

- OpenGL

Test frameworks

- JUnit
- pytest
- cmocka

Databases

- MySQL
- PostgreSQL
- MongoDB
- SQLite
- Cassandra

Build tools

- Hudson/Jenkins
- Maven
- Gradle
- Make
- Grunt
- npm
- Gulp

Editors & IDE's

- Emacs
- vim
- Nano
- Eclipse
- VSCode

Cloud platforms & Cloud tools

- Amazon EC2
- iCloud
- DigitalOcean
- CPanel

Version systems

- Git
- Subversion
- Github
- Bitbucket

Ways of working / frameworks for working

- Kanban
- Scrum
- Continuous Integration (CI)
- Continuous Deployment (CD)
- Object Orientation
- Pair programming
- Agile methods
- Test-driven development
- Scrumban

Configuration and automation tools

- Vagrant
- Bash
- Ansible
- Jenkins

Spoken Languages

- Swedish (native)
- English