

# Karl Lundfall

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## WHAT I KNOW

React • VueJS • ThreeJS  
UX • NodeJS • Firebase • SQL  
Bash • Docker • AWS • CI/CD practices

## TOOLS I USE

Git • Webpack • Bash (automation)  
Visual Studio Code • MacOS • Linux



## WHAT I STUDIED

### VU UNIVERSITY

MSC IN ARTIFICIAL INTELLIGENCE

September 2015 | Amsterdam

*Cum Laude* distinction

### LINKÖPING UNIVERSITY

INFORMATION TECHNOLOGY

June 2013 | Linköping, Sweden

Bachelor

## WHAT I SPEAK

- Swedish – *Native*
- English – *Fluent*
- Dutch – *Advanced* (B2 Certified)

Thanks for reading my resumé!

I have a fairly broad background and interest in everything related to coding. Because of the pace of the evolution and innovation in Javascript, I've become most fond of it. You can scroll to the second page of this document for a detailed summary of the different projects I've been involved in.

## MY PREVIOUS POSITIONS

### JAVASCRIPT DEVELOPER | SELF-EMPLOYED

As a freelancer I enjoy diving into unexpected projects, providing valuable software and sharing my knowledge as much as I can.

### SENIOR FULLSTACK DEVELOPER | BLUE HARVEST, CAP GEMINI

April 2018 - January 2019 | Amsterdam, Netherlands

I was part of the elite engineering unit of CapGemini, called Blue Harvest. They are a large team with a lot of highly gifted and experienced engineers taking on different kinds of challenges within the financial sector.

### TECH LEAD / FRONTEND | BIZBOARD

December 2015 - April 2018 | Amsterdam, Netherlands

I was working at a startup with a very agile mindset. This means trying to fix problems before they show up, and constantly revising development strategies. I quickly became responsible for the core framework that we built all our software upon, which was a very important task at that time. The size of the team was varying between 2-5 people.

### NODEJS DEVELOPER | TTC MOBILE

February - July 2015 | Amsterdam, Netherlands

Revising an existing retrieval system for summarizing information from different data sources

### RESEARCH ASSISTANT | VU UNIVERSITY

March 2014 - March 2015 | Amsterdam, Netherlands

In a collaboration between me, the VU University and University of Amsterdam, I made an energy consumption calculator based on their research.

### TEACHING ASSISTANT | VU UNIVERSITY

January - February 2014 | Amsterdam, Netherlands

Giving lectures in machine learning and correcting assignments.

### SOFTWARE DEVELOPER | SECTRA

June - Aug 2013 | Linköping, Sweden

Developing on an error logging system project in Python.

### GROUP SUPERVISOR | LINKÖPING UNIVERSITY

January - July 2013 | Linköping, Sweden

Responsible for helping a group of students maintaining the working methodology of problem based learning, and preventing them from getting stuck along the way.

# WHAT I'VE WORKED ON

## FRONTEND | PARAPY

2019

- Large frontend application with a lot of user interaction flows.
- React
- Three.js
- NodeJS
- Redux (Saga)
- Sass
- Cloud architecture
- Python
- Unit testing

## BACKEND | REPPER

2019

- Short project to consult and help out setup Firebase
- NodeJS

## DEVOPS | NATIONALE NEDERLANDEN

2019 | Amsterdam, Netherlands

- Because of success of previous assignment (below) in NN, got separate task to coach a DevOps team to improve practices
- Bash
- AWS
- CI/CD
- Scrum

## FULLSTACK | NATIONALE NEDERLANDEN

2018 - 2019 | Amsterdam, Netherlands

- Developer lead in making a large system from scratch with many moving parts. We were 4 engineers working on the project.
- VueJS
- Sass
- AWS
- CI/CD
- SQL
- Bash
- Integration/unit testing
- NodeJS
- Microservice Architecture
- Scrum

## FRONTEND | THE NINTH BAR

2019

- Small website; static HTML/CSS/Javascript
- Design

## FRONTEND | BLUE HARVEST

2019

- Web site for Blue Harvest, the elite engineering unit of Capgemini financial sector
- React
- Sass
- Agile

## AGILE COACH | IKANO

2018

- Preparing a training for the IKANO on agile and Scrum

## FULLSTACK | MRBOX

2017-2018

- Big logistics solution. Plenty of corner cases and riddles related to security, complexity, and performance.
- Javascript
- NodeJS
- Scrum

## FRONTEND | SHAPESHIFTER

2017-2018

- Side project: Puzzle game with dynamic level generation.
- JavaScript
- Graph theory

## FRONTEND FRAMEWORK | ARVA

2015-2018

- High understanding JavaScript to engineer a virtual DOM
- Hybrid mobile
- Research and development
- Collaborating with 2 universities for Master thesis collaboration.
- Unit testing

## FRONTEND | LEGALBIKES

2017

- JavaScript
- Agile; Quick proof-of-concept to iterate on

## BACKEND | KITTY

2017

- Quick and efficient implementation, made a working invoice system within 4 weeks.
- NodeJS

## FRONTEND | TRADESQUARE

2017

- Complex ticket logic implemented in JavaScript
- Code quality assurance responsibility
- Scrum

## FRONTEND | INSINGERGILISSEN

2016

- Mobile bank app with high security requirements
- Javascript
- Java native mobile
- ObjectiveC native mobile
- Agile/Scrum

## **FRONTEND | RIJBEWIJS TRAINER**

2016

- JavaScript
- Firebase
- Working very agile with direct user feedback

## **FRONTEND | RABOBANK**

2015

- Knowledge sharing app made with JavaScript

## **FRONTEND | ING**

2015

- HR app made in JavaScript

## **BACKEND | TEXT TO CHANGE (TTC)**

2014

- NodeJS
- Data models
- MongoDB

## **FULLSTACK | GREEN ICT**

2013-2014

- JavaScript
- PHP
- Paper published on ICT4S in Copenhagen, September 2015