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# Lars Juel Nielsen

Full stack web developer

## Introduction

With my background in software and general product development I have chosen to focus on web development. At first I focused on back-end development with the Microsoft technologies, as that was closest to my existing competencies, and I'm now focusing on WordPress and full stack development with LEMP stack (Linux, Nginx, MySQL/MariaDB, and PHP), React, and Angular 2+. Through education and work I gained experience in working as part of a team and individually, as well as working from home. I enjoy applying my skills to deliver good solutions that solve users' problems and improve their everyday lives.

## Experience

- 2016 – Now **Full stack web developer**, One Thaum Solutions IVS. (Part time, own company)
- Product development.
  - Full stack web development (HTML5, CSS3, JavaScript, TypeScript, PHP, MariaDB/MySQL, WordPress, MongoDB, ExpressJS, Angular 2+, React, and Node.js)
- 2015 **Software developer**, FlexPOS ApS. (Internship, 2 mos.)
- ASP.Net MVC 5
- 2015 **Software developer**, Create it REAL ApS. (Internship, 3 mos.)
- Desktop software development (C#.Net)
- 2013 – 2014 **Software developer and tester**, Create it REAL ApS. (Internship, 12 mos.)
- Desktop software development and unit-testing (C#.Net, MSTest)
- 2013 **Freelance software developer**, BITS. (Freelance project, 1 mo.)
- Python scripting
- 2012 **Freelance software developer**, Flooved Ltd. (Freelance project, 3 mos.)
- Python scripting (web scraping)
- 2012 **Embedded systems developer**, Let Elektronik ApS. (Internship, 3 mos.)
- Embedded software development (Arduino C)
- 2007 – 2008 **Tester**, Motorola Mobile Devices, Aalborg. (Temporary position, 15 mos.)
- Manuel user-test of software for mobile phones

## Education

- 2018 **Usability and Graphic Design**, Erhvervsakademi Aarhus. (Course, 6 wks.)
- 2016 – 2017 **Bachelor's Degree in Web development**, University College Nordjylland.
- 2014 **Microsoft ASP.Net – MVC (MCTS-70-486)**, Itucation. (Course, 6 wks.)
- 2012 – 2014 **Bachelor's Degree in Product Development and Integrative Technology**, UCN.
- 2010 – 2012 **AP Graduate in IT Technology**, University College Nordjylland.
- 2000 – 2006 **Data technician**, Aalborg Tekniske Skole.

## Skills

### Programming Languages, Libraries and Frameworks

- HTML5 (intermediate)
- CSS3 (intermediate)
- SCSS (beginner)
- JavaScript (intermediate)
- TypeScript (intermediate)
- JSON (intermediate)
- Node.js (intermediate)
- Express.js (intermediate)
- Angular 2+ (beginner)
- React (beginner)
- Ionic (beginner)
- PHP (beginner)

### CMSs

- WordPress (beginner)

### Databases, ORMs/ODMs, and Query Languages

- SQL (intermediate)
- MySQL/MariaDB (beginner)
- MongoDB (beginner)
- Mongoose (beginner)
- Neo4j (beginner)
- Cypher (beginner)

### Design- and Architecture patterns

- MVC (intermediate)
- MVVM (intermediate)
- REST (beginner)

### Methods

- OOP (intermediate)
- Functional Programming (beginner)
- TDD (intermediate)
- BDD (beginner)

### Version Control Systems

- Git (intermediate)

### Software and Operating Systems

- Microsoft Visual Studio Code (intermediate)
- Docker (beginner)
- Arch Linux (beginner)
- Ubuntu Linux (intermediate)
- Debian Linux (beginner)
- Microsoft Windows (intermediate)

### User-driven Product Development Techniques and Tools

- Observation (beginner)
- Interview (beginner)
- Personas (beginner)
- Brainstorming (intermediate)
- Paper-prototyping (intermediate)
- Mock-up (intermediate)

### Languages

- Danish (native)
- English (full professional proficiency)

## Interests

I'm 37 years old. I spend a lot of my spare time reading fiction and non-fiction, exercising, programming, and playing card and board games with my friends.