

DOCUMENT Curriculum vitae	SECTORS Government · Energy · Telecom
BASE Tallinn, Estonia	EXPERIENCE 10 years

KARL KADALIPP

SENIOR FULL-STACK SOFTWARE ENGINEER

■ AVAILABLE FOR SELECT WORK

Ten years building the software people rely on without thinking about it — Estonia's vehicle and driver registry, the 2021 national census platform, nationwide energy metering, cross-government data exchange.

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EDUCATION BA, IT systems development — Estonian IT College

LANGUAGES Estonian (native), English (very good), German & Russian (beginner)

01 Experience 5 POSITIONS · ALL FULL-TIME

#	ROLE	ORGANISATION	PERIOD
01	Full-stack Java Software Engineer	B Blesens OÜ	Aug 2025 – Jun 2026 11 mos
02	Full-Stack Java Developer 2021 NATIONAL CENSUS	 DomeStack Ltd.	Jan 2021 – Aug 2025 4 yrs 8 mos
03	Full-Stack Java Developer ESIM CONNECTIVITY	 IoT	Jul 2020 – Nov 2020 5 mos

04	Full-Stack Java Developer NATIONAL ENERGY METERING	 Eesti Energia	Oct 2018 – Apr 2020 1 yr 7 mos
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05	Full-Stack Java Developer VEHICLE & DRIVER REGISTRY	 Finestmedia AS	Dec 2016 – Oct 2018 1 yr 11 mos
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EARLIER EXPERIENCE 2 POSITIONS · UNIVERSITY-ERA, BEFORE 2016

01	.NET Developer (Uni internship) ERP ADD-ONS	 McLean & Laneman	Aug 2013 – Nov 2013 4 mos
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02	JavaScript Developer STUDY GAMES	 Povi Software OÜ	Apr 2012 – Aug 2012 5 mos
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02 Selected work 4 ENTRIES

#	SYSTEM	SCOPE	PERIOD
01	2021 National Census STATISTICS ESTONIA · DOMESTACK LTD NATIONAL	Built the front-end, back-end and database systems for Statistics Estonia's 2021 census — the ones its staff worked in and the ones citizens used.	2021–25
02	eSIM connectivity 10T GLOBAL	Built the eSIM connectivity software that replaced 1oT's outsourced solutions, implemented to detailed specification.	2020
03	National energy metering EESTI ENERGIA NATIONAL	Built energy-product software that reads thousands of field devices remotely, and collects and publishes what they report.	2018–20

04

Vehicle & driver registry

TRANSPORT ADMINISTRATION ·
FINESTMEDIA AS

NATIONAL

Full-stack work across all of Estonia's DMV information systems — the tools registry staff work in, the applications vehicle-checkers use, and the citizen-facing services.

2016–18

EARLIER WORK

2 SYSTEMS · UNIVERSITY-ERA, BEFORE 2016

01

ERP add-ons

MCLEAN & LANEMAN

Built add-ons and modifications for an enterprise resource planning system, in C#.

2013

02

Study games

POVI SOFTWARE

Built study games on a JavaScript game engine.

2012

03

Technology stack

3 TIERS

CORE WHAT THE WORK IS MADE OF

LANGUAGES

Java | TypeScript

BACKEND

Spring Boot | Hibernate ORM

FRONTEND

Angular | React

DATA

PostgreSQL | Oracle | Kafka | Elasticsearch

INTEGRATION

X-Road (Estonian e-gov data transfer) | REST | SOAP

RUN

Docker | Kubernetes | Nginx

STRONG SUBSTANTIAL PROFESSIONAL EXPERIENCE

LANGUAGES

JavaScript | C# | Python

BACKEND

Spring (MVC, ORM, JDBC, Security, Web Services) | JPA | Jackson |
Liquibase | Lombok

FRONTEND

HTML5 | CSS | SCSS

DATA

PL/SQL | SQL

INTEGRATION

JSON | XML / XSL / XSLT / XSF / XSD | JWT

RUN

Tomcat | JBoss / WildFly | Apache HTTP Server

TESTING

JUnit | Mockito | Selenium | SonarQube | SpotBugs | Swagger |
OpenAPI

EARLIER THE REST OF THE RECORD

AngularJS · Node.js · jQuery · jQuery UI · Bootstrap · PrimeFaces · JSF (JavaServer Faces) · JSP · JSTL · Maven · Gradle · Apache Ant · Apache Ivy · Liferay · Nortal Aranea & JRoad · Javax (Faces, AJAX) · Apache Commons · Google (GSON, OAuth, Guava, HTTP-client) · MySQL · SQLite · Kibana · TestNG · JMockit · Robot Framework · PlumbR
APM · ClamAV · Jenkins · Bamboo · SLF4J · Log4j · Logback · Git · SVN · GitHub · GitLab · BitBucket · SourceTree · IntelliJ IDEA + JRebel · IntelliJ WebStorm · Eclipse · JetBrains PyCharm · Android Studio · Postman · SoapUI · Atlassian JIRA · Atlassian Confluence · Figma · Adobe Photoshop · Scrum · Kanban (or mix) · Rarely waterfall

04

Background



Military conscription

EDF (HQ & Signal Battalion)

2014 – 2015 · 11 MOS

05

Credentials



Oracle Certified Associate, Java SE 8 Programmer

Oracle

MAY 2018



IT systems development (BA)

Estonian IT College

2011 - 2014



X-Road services development

Tallinn University of Technology

2017



Active member

Estonian Defence League

2010 - 2018



Student

Rocca al Mare School

2000 - 2011

DRIVING AM, A1, A2, A, B1, B
