Henrik Lehtonen

FULL-STACK DEVELOPER   TURKU / REMOTE (UTC+1)   ENGLISH   FINNISH

Senior consultant with a focus on web solutions and a passion for stellar software. I've worked in both public and private sectors – in healthcare, e-commerce, education, taxation and insurance.

"Strong believer in choosing the tech and tools based on the problem."

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Skills

MOBILE

React Native, iOS, Android, Xamarin

FRONTEND

TS, JS, React, Redux, ramda, ts-io, npm, yarn, vite, Webpack, redux-effex, redux-saga, reselect, RxJS, MobX, styled-components, Jest, Enzyme, Mocha, Flow

BACKEND

Node.js, express, GraphQL, Swagger, REST, C#, .NET Core, ASP.NET Web API, WCF, SQL Server, Oracle DB, EF, Mongo, EventStore, Complex Event Processing

CLOUD/CI

AWS (EKS, EB, EC2, Lambda, S3, Route53, CloudFront, CloudWatch, Cognito, VPC), Azure, Terraform, Kubernetes, Firebase, Heroku, Next, Nexmo, GitLab, GitHub, BitBucket, Drone CI, CircleCI, TC, Jenkins, Docker, YAML

DESIGN

Figma, Sketch, Proto.io, Invision

Presentations

Making Decisions in a React Native Startup (YouTube)

Work experience

Suomi.fi Finnish Service Catalogue (FSC)
2023/03 – 2024/12

Rewriting an existing .NET / React application. The goal was to improve performance, simplify code and bring the projects to the modern day in all aspects. In addition to working on both the backend and frontend implementations, I was heavily involved in building and developing the infrastructure and CI/CD pipelines.

TypeScript, C#, .NET, React, PostgreSQL, AWS EKS/CloudWatch/Route53/S3/..., Terraform, Drone CI, Docker, Playwright, Bitbucket

Scale-up phase start-up: full stack development of a medical mobile app ecosystem
2022/05 – 2022/12

Development of a React Native app along with an API and multiple service projects. In addition to project work I ran multiple retrospectives.

TypeScript, React Native, GraphQL, PostgreSQL, AWS Lambda/CloudFormation/S3/Cognito, Terraform, Node.js, Docker, DatoCMS, Firebase, Cypress, Docker, GitLab

Full stack developer / team tech lead - BeeHealthy
2021/06 – 2022/03

Worked in two different feature teams helping with specification and development work as well as leading the team from a more technical point-of-view.

TypeScript, JavaScript, React, Redux, RxJS, Node.js, SQL, Cypress, Docker, GitLab

E-commerce site development for a global sportswear brand
2019/01 – 2021/06

Development of the frontend and API-layers of a global e-commerce site with millions of daily transactions.

TypeScript, JavaScript, React, Redux, Node.js, Jest, Enzyme, Cypress, Jenkins, Kibana, Kubernetes

Edukit mobile & web application for education
2017/01 – 2021/06

Design and development of mobile and web applications for education purposes. Edukit is designed to support work-based learning and speed up the graduation of students studying for vocational degrees.

TypeScript, React Native, React, Redux, redux-effex, redux-saga, Node.js, Flow, ES6/ES7, Objective-C, Android, Java, Sketch, Firebase, OneSignal, Fabric, Logentries, LogDNA, Cloudinary

Large Nordic Insurance Company, Finland/Norway

2017/01 – 2019/01

Agile development of a set of cloud-native, open & internal web solutions, including an API layer. The aim of this project was to create a foundation for automation support in the claims area.

Visual Studio 2017, Visual Studio Code, .NET Core, ASP.NET Core, C#, ARM templates, Azure, F#, Fake 5, Kudu, Git, Web API, REST, JSON, JavaScript, NPM and Atlassian Confluence.

Large Nordic Insurance Company, Finland/Sweden

2016 – 2017

Agile development of a modern single-page-application. The aim of this project was to recreate an existing application in order to detach it from unwanted dependencies while also improving the customer experience.

Visual Studio Code, .NET Core, ASP.NET Core C#, GIT, Web API, HTTP Services, TeamCity, JSON, JavaScript, React, Redux, Jasmine, Karma, Protractor, Selenium, NPM, HTML, LESS, CSS, Atlassian Jira and Atlassian Confluence.

Large Nordic Insurance Company, Finland/Sweden

2015 – 2016

Agile full stack software development and scaling of an internal web application in order to support the work of Swedish claim advisers. The aim of this project was to extend current internal tools to cover Swedish integrations and to create a new user interface for the claim advisers using the system.

Visual Studio 2015, C#, GIT, ASP.NET MVC, ASP.NET Web API, HTTP Services, TeamCity, JSON, StructureMap, AngularJS, JavaScript, Bootstrap, NUnit, ReSharper, Selenium, SpecFlow, HTML, LESS, CSS, Atlassian Jira and Atlassian Confluence.

Large Nordic Insurance Company, Norway

2016

Agile full stack software development of an internal web application for transmitting claims between different systems. Consisting of a user interface, database, API and several integrations, this application replaced an older implementation.

Visual Studio 2015, C#, TFS, ASP.NET MVC, ASP.NET Web API, HTTP Services, TeamCity, JSON, Angular 2, JavaScript, TypeScript, Bootstrap, NUnit, ReSharper, HTML, CSS,Jira/Confluence.

Large Nordic Insurance Company, Finland/Norway

2015 – 2016

Agile full stack software development and scaling of an internal web application in order to support the work of Norwegian claim advisers. The aim of this project was to extend current internal claim adviser tools in Norway. The project contained an user interface implementation along with several integrations to both internal and public services.

Visual Studio 2015, C#, GIT, ASP.NET MVC, ASP.NET Web API, HTTP Services, TeamCity, JSON, StructureMap, AngularJS, JavaScript, Bootstrap, NUnit, ReSharper, Selenium, SpecFlow, HTML, LESS, CSS, Jira/Confluence

Large Nordic Insurance Company, Finland

2016

Full stack software development of an internal web application. The aim of the software was to support other employees' work by acting as a collective view of several other applications' data. Main challenges of the project included implementing and using services through which data could be transmitted and received as well as designing and implementing a functional (web) user interface.

Visual Studio, C#, TFS, ASP.NET MVC, ASP.NET Web API, HTTP Services, TeamCity, JSON, StructureMap, AngularJS, JavaScript, Bootstrap, NUnit, ReSharper, HTML, CSS and Confluence

Consulting Company, Finland

2015

Henrik participated in the development of an Internet of Things (IoT) solution / PoC. Main purpose of this project was to build hardware having sensors, connect it to the cloud and build web / mobile app to visualize data collected by the hardware having different sensors. This assignment was completed to a presentation to share the lessons learned / knowledge to employees of the consulting company.

IoT, Cloud computing, Arduino, Arduino Ethernet Shield, Microsoft Azure (Web Apps, Mobile Services), Visual Studio, ASP.NET MVC, ASP.NET Web API, C#, HTML, CSS, Twitter Bootstrap, Node.js, JavaScript, JSON, Johnny-Five, Git and Bitbucket

Large Organization of Finnish Government

2013 – 2015

Participated in the software development of an international system. This system enabled communication to and from other European Union countries. Main purpose of this system was to exchange information regarding sales done between different European Union countries.

Visual Studio, .NET, C#, ReSharper, SQL, TFS, WCF and Web Services.

Consulting Company in Finland

2014

Software development of a cloud controlled work desk. In this IoT (Internet of Things) and Cloud Computing project Henrik together with the team connected an ordinary adjustable work desk to cloud and controlled it from a mobile phone.

IoT, Cloud Computing, Node.js, JavaScript, Johnny-Five, Publish-Subscribe, Faye, WebSockets, JSON DB, Polymer, Web components, SMSGlobal HTTP API, WebStorm, Microsoft Azure, Git, Bitbucket, Arduino and HC-SR04 ultrasonic sensor.

Coding Competition in Finland

2014

Henrik participated to Hello World Open 2014 Competition. Hello World Open 2014 was a virtual car race organised by creative technology company Reaktor. The challenge of each team was to create an artificial intelligence and drive a virtual race car.

Node.js, JavaScript, Git, Bitbucket and WebStorm.

Large Organization of Finnish Government

2013 – 2015

Participated in the software development of a national web application. Main purpose of this web application was to enable Finnish residents alter information regarding their income.

ASP.NET, C#, HTML, CSS, JavaScript, UIPAB, WCF, Web Services, BDD, Specflow, SQL, NUnit, Elmah, Visual Studio, ReSharper, TFS, Pivotal Tracker, Jira, Scrum

2013 - 2014 | Finland | Consulting Company in Finland | Full Stack Developer

2013 – 2014

Software development of mobile application. Main purpose of the mobile application was to collect information and produce statistics.

C#, .NET, Windows Phone, XAML, Visual Studio 2013 and TFS

Personal Project

2013

Software development of mobile application. In this personal project Henrik developed a loop timer mobile application to support his sport activities.

C#, .NET, Windows Phone, XAML, Visual Studio and TFS

Personal Project / Master's Thesis

2013 – 2014

Software development of a tool for mathematically deducting the key of a given audio piece using a hidden Markov model.

C#, .NET, Visual Studio, C++, Vamp, BASS, TFS, LaTeX and hidden Markov model

Coding Competition in Finland

2012

Henrik participated to Hello World Open 2012 Competition. The challenge of each team was to create an artificial intelligence to play pong.

Sublime, Ruby, Git and GitHub

Small Company in Finland

2012

Software development of a website. Henrik developed the public web site of the company.

PHP, HTML and CSS

2010 | Finland | Personal Project | Full Stack Developer

2010

Software development of a web crawler / web search engine. Henrik developed this software solution as part of his Master of Science studies. Main purpose of this web crawler was to recursive go through web sites and create a base for a web search engine.

Java, Eclipse and Threading

Work history

2023/01 – Current	Freelance entrepreneur - Henrik Lehtonen Consulting Oy
2015/09 – 2023/01	Senior Consultant - Arado Oy
2013/07 – 2015/09	Solution Specialist - Nortal Oy
2012/05 – 2015/09	Software Designer - Nortal Oy
2008/10 – 2009/05	Student Assistant - City of Turku

Education

2013 - University of Turku
Master of Science (MSc), Information Technology

2009 - Turku University of Applied Sciences
Bachelor of Engineering (BEng), Information and Internet Technology

2015/02 *(at Nortal)* - Organized a collaboration project with Turku University called "Capstone".
Goal was to offer students a real world problem to solve.