

# Erkki Papunen

## Full Stack Blockchain and Web Engineer

Hämeenlinna, Finland  
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 [GitHub](#)

### Skills

Node.js

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React.js

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JavaScript

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TypeScript

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HTML5 / CSS3

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Next.js

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Express.js

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Golang

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Angular 2+

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VueJS

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MongoDB

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MySQL

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Blockchain

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Ethereum Network

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Solidity

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Smart Contract

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Rust

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Kubernetes

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Docker

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## Profile

I'm a Senior Blockchain and Web FullStack engineer with over 10 years of experience and I've worked with major companies like Hertz as well as helped several startups get their MVP off the ground, such as a large gig platform, which was a \$20k contract that I architected completely from the ground up for the client using Laravel and Vue.

Whatever the project, I've most likely built something like it before.

I've worked on several Blockchain dApp and dex, defi projects so far.

## Education

### Bachelor of Science (BS), Computer science, Aalto-yliopisto, Espoo

April 2007 — February 2011

Areas of Professional:

Programming languages, Software engineering, Theory of Computing.

Artificial intelligence, Computer systems and Networks, Security, Database Systems, Human-Computer Interaction, Vision and Graphics, Numerical Analysis.

## Employment History

### Junior Web Developer, Advent Resources, Los Angeles

April 2011 — February 2014

- Developed/design the application using lamp (Linux, Apache, MySQL 5, and PHP 7. 2) architecture.
- Worked primarily as a back-end developer on the company's system, which uses Laravel as its framework.
- Defined and developed the applications presentation layer using HTML5, CSS3, JavaScript, and VanillaJS.
- With close interaction with clients gathered and analyzed requirements and developed functionality accordingly.

## Languages

Finnish

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English

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- Used JavaScript/jQuery to make an interactive site. Responsible to handle frontend side of the application to make it high-performance, rich and user-friendly.
- Normalized database tables and performed extensive query optimization.
- Worked on customizing modules and themes for web applications and commercial web services using Laravel, Magento, Zend.
- Working very closely with designing team to provide the great user interface.

## FullStack Web Developer, Kuxi Cup, London

May 2014 — June 2018

- Built client websites with ReactJS/MongoDB/NodeJS/TypeScript Framework/CSS/HTML/AWS Worked on cloud computing for developing lead generation website.
- Reviewed project requirements and write technical specifications.
- Worked in Woo-commerce development experience, built ecommerce websites Implemented SDLC, Agile Scrum framework, and used bug tracking software like JIRA Used REST API, Google Analytics experience.
- Documented code development and revisions.
- Handled Node.js back-end development for dynamic database driven website Implemented, prepared, executed, and installed support to assure quality system changes Troubleshot problems with TypeScript and other web technologies.

## Web & Blockchain Developer, CODEST, London

August 2018 — June 2021

- Mentor a team developing intranet site with MERN stack
- Develop DApps using JavaScript and TypeScript and interact with Ethereum Blockchain by using Web3 JS API and metamask(React.js, Vue.js, Next.js, Nuxt.js).
- Develop smart contracts using REMIX. Worked on creating back-end server using GoLang.
- Designing/developing and maintaining/updating internet and intranet sites and applications.
- Performing testing and quality assurance reviews for web applications to ensure customer.
- Researching new technologies that could further enhance the user experience.
- Managing web agents to ensure that the web content was correct and update to date.
- Created APIs into various third-party systems for SSO integration within SharePoint.
- Implemented plugins with social media sites such as Facebook and Twitter.