

Mikko Lempinen

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As a passionate and innovative software engineer with over 4 years of experience in full-stack development, I have honed a rich skillset in designing, developing, and deploying scalable applications. My specialization in modern technologies like web development and cloud services is coupled with a track record of delivering user friendly applications and a proven record of engineering robust, maintainable code that adheres to best practices in software development. Recognized for exceptional problem-solving abilities and a collaborative spirit, I have successfully led teams in agile environments to surpass project goals. Motivated by emerging tech trends and rigorous engineering standards, I seek to bring my blend of technical acumen and result-oriented approach to a forward-thinking software development team.

EDUCATION

<u>M.Sc., Computer Science & Engineering</u>	2023 – Present
Specialization: Artificial Intelligence	University of Oulu
<u>B.Sc., Computer Science & Engineering</u>	2020 - 2023
Subsidiary subjects: Machine Learning, Artificial Intelligence	University of Oulu
<u>B.Sc., Process Engineering</u>	2017 - 2019
(Changed field of studies before finishing the degree.)	University of Oulu
Subsidiary subjects: Industrial Business and Management, Economic Science	
<u>Military Service in Lapland's Air Defense Regiment</u>	2016
<ul style="list-style-type: none">• Air Defense Personnel Course• Bookkeeper Course	
Single-handedly managed the bookkeeping of our battalion (200+ soldiers).	
Took part in developing a modernized information delivery system for our base and was responsible of setting it up.	

AWARDS & CERTIFICATIONS

Distinguished Project Award 2022-2023

Led an EU funded project for developing an AI chatbot for assessing system security. The project was ranked 1st in a competitive pool of projects and awarded by University of Oulu for its novelty and impactful contributions.

PMAF Project Management Foundation Certificate

Certificate for IPMA Project Management Competence.

PROGRAMMING SKILLS & LANGUAGES

Web Development & Design
App Development & Design
Agile Project Management
Full Stack Development
Artificial Intelligence
WebSocket & APIs
Machine Learning
Neural Networks
SQL Databases
DevOps
Git

Python
C/C++
HTML/CSS
JavaScript
R
Assembly
MATLAB
Java

SPOKEN LANGUAGES

Finnish
English
Swedish
Chinese

WORK EXPERIENCE

Founder & Full Stack Engineer

07/2023 – Present

Coinbie Analytics

- Developed and founded Digital Asset Market Data Collection & Analytics Platform www.coinbie.com
- The Platform is currently in Alpha phase of development, being used internally.

Independent Equities and Derivatives Trader

2019 - Present

- Trading equities and futures profitably using strategies based on financial or on-chain data analysis, psychological patterns, and macroeconomics.
- 30-Day trading volume up to 1.2M\$.

Project Manager & Backend Engineer

01/2023 - 06/2023

Center for Ubiquitous Computing

- Led the development team for EU funded “Chatbot for assessing system security with OpenAI GPT-3” -project.
- Developed unique state-of-the-art algorithms allowing a web-based AI chatbot to execute tasks on the user’s computer system autonomously **only after** getting permission or command from the user to do so.
- Delivered powerful and inspiring presentations, inspiring acclaimed doctors & doctoral students into pursuing a start-up firm based on the chatbot.
- Awarded *Distinguished Project Award 2022-2023* by University of Oulu for the project’s novelty and contributions.

Melt Handler

05/2019 - 09/2019

Outokumpu Chrome LLC

05/2018 - 09/2018

- Developed strong communication and organizational skills through working in a production team.
- Worked effectively in fast-paced environments.
- The fastest person to learn the work my instructor had seen.
- Statistically the company’s most valuable melt handler in terms of ferrochrome tons produced during work hours.

For more information about me and software projects I have completed, please visit:

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