

Jan Michek

Senior Web3 Fullstack Engineer

SUMMARY

- Senior Web3 Fullstack Engineer with 14 years of experience, specializing in Solidity, Foundry, Viem, Wagmi, and Ethers.js for dApp development.
- Led development of aescan.io, scaling it to 10K monthly users with advanced on-chain data visualizations and dashboards.
- Proven track record in building omnichain NFT lending platforms and integrating Web3 wallet connectivity and smart contract interactions.
- Experienced in agile methodologies, cross-functional collaboration, and delivering e2e-tested releases in blockchain environments.
- Computer science education with an Associate's Degree and ongoing advanced Web3 Solidity Bootcamp training.

TECHNICAL SKILLS

Main Technical Skills	Solidity (1 yr.), Foundry, Viem, WAGMI, Web3.js
AI Tools & Assistants	Cursor
Programming Languages	Solidity (1 yr.)
AI & Machine Learning	ollama
JavaScript Frameworks	Remix
JavaScript Libraries and Tools	TanStack Query, Vite, Web3.js, Zod
UI Frameworks, Libraries, and Browsers	HTML, PostCSS, Storybook (2 yr.), Tailwind CSS
Cloud Platforms, Services & Computing	Vercel
Methodologies, Paradigms and Patterns	Agile, FDD
Deployment, CI/CD & Administration	Ansible (3 yr.), CI/CD
Third Party Tools / IDEs / SDK / Services	Cursor
QA, Test Automation, Security	Cypress, Vitest
Blockchain and Decentralized Software	Etherscan, Foundry, RainbowKit, Viem, WAGMI
	GraphQL, RESTful API

SDK / API and Integrations	
UI/UX/Wireframing	Responsive Design, UI/UX
Logging and Monitoring	Sentry
Mail / Network Protocols / Data transfer	WebSockets
Other Technical Skills	Claude Code, CSS animations

WORK EXPERIENCE

Frontend Engineer - LiveSystems (Asset Workflow Efficiency Improvement)

Duration: 11/2025 - 07/2026

Summary:

- Project focused on improving asset workflow efficiency by architecting a dynamic UI system using user interaction data
- The goal was to enhance maintenance planning workflow for equipment tracking and maintenance

Responsibilities:

- Architected a dynamic UI system based on user interaction data.
- Collaborated with UX designers to improve maintenance planning workflow.

Web3 Frontend Engineer - æternity Blockchain (aescan.io Blockchain Explorer)

Duration: 03/2022 - 05/2025

Summary:

- Led the development of aescan
- io, an open-source blockchain explorer providing on-chain data visualizations, statistical dashboards, and responsive interfaces
- The project aimed to provide users with detailed insights into blockchain data

Responsibilities:

- Led development of on-chain data visualizations and dashboards.
- Collaborated with contract developers and stakeholders in agile environment.
- Delivered consistent end-to-end tested releases.

Web3 Frontend Engineer - PWN Finance (Omnichain NFT Lending Platform)

Duration: 09/2021 - 02/2022

Summary: Developed the frontend for an omnichain NFT lending platform supporting multi-asset collateral, enhancing DeFi user experience with wallet connectivity and smart contract interactions.



Responsibilities:

- Built frontend for NFT lending platform.
- Engineered Web3 wallet connectivity and smart contract interactions.
- Participated in technical design and product roadmap as part of cross-functional team.

Frontend Engineer - NICE (Conversational Agents UX Interface)

Duration: 04/2020 - 08/2021

Summary: Developed a UX-heavy interface for conversational agents prior to the large language model era, collaborating with backend teams and designers to deliver aligned product features.

Responsibilities:

- Built UX-heavy interface for conversational agents.
- Collaborated with backend teams and designers in agile sprints.
- Mentored a junior developer.

Frontend Developer - Perfect Planet (Classical Music Concerts and Foundation Websites)

Duration: 01/2019 - 12/2019

Summary: Developed high-aesthetic apps and presentation websites for diverse clients, including a platform for organizing classical music concerts at home and a site for a music foundation.

Responsibilities:

- Developed apps and websites enhancing brand engagement.
- Launched vaznyzajem.cz for organizing classical music concerts.
- Delivered kalabisruzickova.cz for a music foundation.

Frontend Developer - Keboola (ETL Data Analytics Platform UI Redesign)

Duration: 04/2017 - 12/2018

Summary: Improved user experience for an ETL data analytics platform through a major UI redesign involving over 50 components, partnering with data scientists to visualize complex datasets.

Responsibilities:

- Redesigned core platform UI with 50+ components in Storybook.
- Collaborated with data scientists on data visualization.

Frontend Developer - Bicepsdigital (Legacy Desktop Application Redesign and Client Website Optimization)

Duration: 01/2017 - 04/2017

Summary: Redesigned legacy desktop applications into responsive, mobile-first interfaces and optimized client websites for cross-device compatibility, including production of CSS-animated HTML banners.



Responsibilities:

- Redesigned legacy desktop applications to responsive interfaces.
- Produced CSS-animated HTML banners to boost engagement.
- Optimized client websites for cross-device compatibility.

Frontend Developer - Designeo Creative s.r.o (Responsive Interactive Features and CSS Animations)

Duration: 03/2016 - 01/2017

Summary: Delivered responsive interactive features and CSS animations, including interactive forms for in-field surveys to enhance user engagement and data collection.

Responsibilities:

- Developed responsive interactive features and CSS animations.
- Created interactive forms for in-field surveys.

Frontend Developer - NMS Market Research (Market Research Dashboards and Mobile Interfaces)

Duration: 08/2012 - 11/2015

Summary: Engineered dashboards and data visualization components for market research results and built surveys and mobile interfaces serving thousands of respondents.

Responsibilities:

- Developed dashboards and data visualization components.
- Built surveys and mobile interfaces for large respondent base.

Web3 Hackathon Attendee and Winner (MeloDot Music Discovery and Donation dApp)

Duration: 10/2025 - 11/2025

Summary: Built MeloDot, a music discovery and donation decentralized application, integrating blockchain technology with music recognition and donation flows, winning a prize at the Polkadot Hackathon.

Responsibilities:

- Engineered full-stack proof of concept using Solidity.
- Implemented onboarding flow using Web3Auth and Spotify integration.

Technologies: Solidity, Web3Auth, Spotify API

EDUCATION**• Metana Web3 Solidity Bootcamp**

Web3 Solidity Bootcamp Curriculum developed by industry experts from leading Web3 companies and universities. Intense practical course with 17 assignments to learn Solidity on Ethereum from ground up.

05/2026 - Present

• Associate's Degree, Information Technology

IIVOŠ - Institut Informatiky - Vyšší odborná škola, s.r.o. Thesis: "Comparison and



implementation of e-shop frameworks for small businesses."

2010 - 2014

- **High School Diploma**

První České gymnázium v Karlových Varech

2003 - 2007

