# 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

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| **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 |

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| **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