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Karolis Ramanauskas, Product Engineer

Full-stack product-focused engineer, working at the intersection of design, product, and engineering. Comfortable owning products end-to-end. Fell down a Web3 hole, and still there.

Work Experience

Feb 2024 - Current

Lattice, Software Engineer

- Core contributor to MUD, a Solidity framework for building real-time, on-chain applications for EVM-based blockchains.
- Owned the frontend architecture and development of World Explorer, a data-heavy Next.js application used to explore and inspect MUD-based applications.
- Worked on the 3D web client for DUST, a Minecraft-like browser game, using Three.js.
- Developed a frontend SDK enabling third-party developers to integrate custom applications directly into the DUST client.
- Implemented all default in-game applications e.g. market trading, construction blueprints, and more.

May 2023 - Sep 2023

0xMacro, Smart Contracts Auditing Apprenticeship

- Participated in security audits for production systems used by companies such as ThirdWeb, Synthetix, and PoolTogether.
- Learned testing methodologies including unit testing, fuzz testing, and formal verification.

Oct 2020 - Jun 2022

Volvo Cars, Software Engineer & Tech Lead

- Developed and optimized web components for Volvo Cars design system. Maintained Storybook for managing the components.
- Led development of a custom CMS and internationalization platform using React, GraphQL, CSS-in-JS, and a Nest.js backend.
- Introduced best practices for team collaboration and sped up shipping velocity by transitioning the team to trunk-based development.

Jul 2018 - Aug 2020   **Uber, Software Engineer**

- Worked on observability tools for incident discovery and mitigation. Implemented frontends using React, GraphQL, D3.js, CSS-in-JS, Jest.
- Improved tool reliability and adoption by integrating Sentry for error tracking, and Google Analytics with custom events for usage insights.

Jun 2017 - Sep 2018   **Toptal, Software Developer**

- Delivered full-stack client projects using the MERN stack.
- Worked with clients to clarify and translate requirements into final products.

Education

2013 - 2016   **Lancaster University, BSc Computer Science (1st class honors)**

Jan 2023 - Feb 2023   **0xMacro, Smart Contract Security Fellowship, Web3 Security (honours tier)**

Skills

| JavaScript / TypeScript | React.js / Next.js | TailwindCSS | Framer | Three.js |

| Solidity / EVM | Docker |