

Aleksandr Shchilkin

Frontend | JavaScript | React | Node.js | UI/UX design

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About

Experienced with Full Stack Web Development with JavaScript, React and Node.js, Application deployment as well as User Interface and User Experience design. I am a creative and ambitious person with a great passion for the IT industry, Web application development and user interface design.

Education

Xamk - South-Eastern Finland University of Applied Sciences - Bachelor of Information Technology Mikkeli, Finland Aug 2017 - May 2021 (183 - 240 ECTS)

Skills

Programming languages: JavaScript, TypeScript, Python, Kotlin, Java, C#

Technologies: React, Node.js, Git, Docker, Linux, MongoDB, NPM

Relevant skills: UI/UX, Adobe Illustrator, Adobe XD, User Interface design, Unit testing, CSS

Projects

Smart Home Control and Security System

Python, JavaScript, Raspberry Pi single board computer, DHT-11 Humidity and Temperature sensor, Raspberry Pi Camera Module, ChartJS

Developed an IoT smart home system during the university's service deployment project. The system provides information about the home's climate and video stream from a security camera to a user. The project consists of three parts:

Web Developer Portfolio

JavaScript, React, Node.js, Mongo.DB, Bootstrap, CSS, Adobe XD, Adobe Illustrator |

<https://crazyredkitten.media>

Successfully developed and deployed a personal portfolio website using MERN stack.

Soft-UI | Neumorphic Generator

JavaScript, React, Node.js, Bootstrap, CSS, Adobe XD, Adobe Illustrator | <https://softui.io>

Designed, implemented and deployed an open-source, user-friendly online tool for Soft-UI (also known as Neumorphic) design template.

- The tool automatically calculates shadows, font colour based on user input and then generates ready to export CSS output.
- During project development I created, tested and publish 2 NPM packages: **color-processing-library** and **soft-ui-react-components**.