

Curriculum Vitae

Personal information

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| Name | Aleksander Lavrov |
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| E-mail | sancho2140@gmail.com |
| Date of birth | 16.03.1995 |
| Gender | Male |
| Portfolio page | https://loveriik.github.io/new-portfolio/ |
| GitHub page | https://github.com/Loveriik |
| Key skills | JavaScript, HTML, CSS, React, Redux, React Router, TypeScript, NextJs, SCSS/SASS, MySQL, basic Java, OOP, basic Node.js, work with APIs, Responsive web design. |
| Internship / freelance | <p>Java Development Internship at AndersenLab (Hungary/Budapest) Dec 2023 – Feb 2024</p> <ul style="list-style-type: none">- Java basics:<ul style="list-style-type: none">• Acquired a solid foundation in Java programming, focusing on fundamental concepts and syntax.• Developed simple applications to reinforce understanding of variables, data types, control structures, and exception handling.- Object Oriented Programming (OOP):<ul style="list-style-type: none">• Implemented OOP principles such as inheritance, polymorphism, encapsulation, and abstraction.• Designed and developed reusable and modular code through class and object creation.- Database management with MySql:<ul style="list-style-type: none">• Learned and applied SQL for database creation, querying, and management.• Integrated Java applications with MySQL databases using JDBC to perform CRUD operations.- Java EE (servlets, jsp):<ul style="list-style-type: none">• Built dynamic web pages using Servlets and JSP (JavaServer Pages). <p>Projects: Created a fully functional pizza shop web page featuring user authentication, products listing and order management.</p> <p>Freelance work Developed simple landing pages and single-page applications for the Georgian clients.</p> <ul style="list-style-type: none">• Designed and implemented responsive landing pages using HTML, CSS, and JavaScript.• Built SPAs using React to provide a seamless user experience with fast loading times and smooth navigation. |

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| Web development education | <p>Self-learning and Skills improvement</p> <p>May 2023 – up to day</p> <ul style="list-style-type: none"> - TypeScript: <ul style="list-style-type: none"> • Completed course on TypeScript, gained an understanding of its type system, interfaces, and type declarations. • Applied TypeScript to enhance code quality and maintainability in JavaScript projects. • Developed projects that demonstrated the practical application of TypeScript in real-world scenarios. - React (Redux, Next.js): <ul style="list-style-type: none"> • Completed the React Complete Guide course, mastering the creation of dynamic and interactive web applications. • Learned to manage application state efficiently using Redux and Redux toolkit. - Advanced JavaScript: <ul style="list-style-type: none"> • Dived into advanced JavaScript concepts, including closures, asynchronous programming (promises, async/await), and ES6+ features. • Enhanced understanding of JavaScript's event loop, scope, and context to write more efficient and effective code. - Advanced CSS and SASS: <ul style="list-style-type: none"> • Completed courses on advanced CSS and SASS to improve styling capabilities and responsiveness of web applications. • Learned to use CSS Grid, Flexbox and animations to create visually appealing and user-friendly interfaces. • Utilized SASS for modular and maintainable stylesheets, incorporating variables, mixins, and nested rules. - NodeJs (ongoing) |
| | <p>Front-end developer course</p> <p>Yandex Practicum</p> <p>May 2022 – Mar 2023</p> <p>Learned and practiced the following topics:</p> <ul style="list-style-type: none"> - HTML/CSS layout. Modern Flex and Grid layouts: <ul style="list-style-type: none"> • Mastered HTML5 and CSS3 for creating structured, semantic, and visually appealing web pages. • Developed proficiency in modern layout techniques, including Flexbox and CSS Grid, to create complex, multi-dimensional web designs. - Responsive web design: <ul style="list-style-type: none"> • Utilized media queries and responsive units to adapt layouts for mobile, tablet, and desktop views. • Learned and applied principles of responsive web design. - JavaScript basics: <ul style="list-style-type: none"> • Acquired a strong foundation in JavaScript, focusing on core concepts such as variables, functions, loops, and event handling. • Implemented interactivity in web pages through DOM manipulation and event listeners. - React basics, React Router: <ul style="list-style-type: none"> • Gained foundational knowledge of React for building dynamic and interactive user interfaces. • Learned to create functional components, manage state, and handle props in React applications. |

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| | <ul style="list-style-type: none"> • Explored React Router for implementing client-side routing, enabling multi-page applications. <p>- Soft skills for developers:</p> <ul style="list-style-type: none"> • Engaged in sessions focused on improving communication, teamwork, and problem-solving skills essential for a developer's role. • Participated in collaborative projects, code reviews, and group discussions to enhance teamwork and feedback mechanisms. |
| Pet projects | <p>Calculator / Weather widgets / To do list</p> <p>These projects were developed using JavaScript, HTML, CSS, and API integration.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> - Calculator: <ul style="list-style-type: none"> • Implemented using native JavaScript and CSS. • Focused on DOM manipulations to handle user input and display results dynamically. - Weather widget: <ul style="list-style-type: none"> • Integrated a weather API to fetch and display real-time weather data. • Designed with responsive HTML and CSS for a user-friendly interface. - To do list: <ul style="list-style-type: none"> • Utilized CSS for styling and local storage to store data. • Implemented JSON for data handling and DOM manipulations to manage task lists. <p>Flip card game / Wheel of fortune game</p> <p>Early game development projects inspired by an interest in creating interactive games.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> - Flip card game: <ul style="list-style-type: none"> • Developed using advanced CSS for visual effects. • Native JavaScript for game logic and interactivity. - Wheel of Fortune: <ul style="list-style-type: none"> • Used native JavaScript to implement the spinning wheel mechanism and game logic. • Created with advanced CSS for animations and visual appeal. <p>Cake shop</p> <p>A fully functional e-commerce shop page built with React and Redux.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> • Implemented React for component-based architecture and Redux for state management. • Integrated React Router for navigation. • Connected to Firebase for backend data storage and user authentication. • Used Redux for creating a working shopping cart. <p>Quiz game</p> <p>An interactive quiz game project created using TypeScript and the Framer Motion React library.</p> <p><u>Features:</u></p> <ul style="list-style-type: none"> • Utilized Framer Motion library for smooth animations and transitions. • Employed the 'he' npm package to decode HTML entities, ensuring clean question formatting. • Developed with TypeScript for type safety and improved code quality. <p>Landings</p> <p>Landing pages designed to meet modern responsive web design standards using CSS/SASS.</p> |

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| Higher education | Sep 2013 – Jun 2018 Bachelor, Peter the Great St. Petersburg Polytechnic University, Saint-Petersburg Design and technological support of machine-building industries Engineer |
| | Sep 2017 – Jan 2020 Interpreter in business area, Peter the Great St. Petersburg Polytechnic University, Saint-Petersburg Interpreter |
| Languages | Russian (native), English (Upper-Intermediate) |