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| PAVEL PETRASYUK    SOFTWARE ENGINEER | | | |  |  | P R O F I L E  Software engineer with a passion for front-end and a strong focus on intuitive UI and UX. Specialized in JavaScript (ES6+), React, Redux, TypeScript, RESTful architecture, Node/Express, Python. |

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| E D U C A T I O N    Introduction to Computer Science  Harvard University  2019    Bachelor of Economics  MUH, Moscow  2011 - 2015  S K I L L S  **//Front-end**  JavaScript, TypeScript,  React.js (Router, Context, Hooks), Redux, Enzyme, HTML5, CSS3, Bootstrap, jQuery, Webpack, Babel, Gulp.js, Chart.js  **//Back-end**  Node.js, Express.js PostgreSQL, PLSQL MongoDB, Mongoose,  RESTful Architecture, Mocha & Chai, JWT,  Python  **//Dev-tools**  Git, Github, Heroku, Chrome Dev Tools, Travis CI  I N T E R E S T S  Songwriting  Cooking Reading(Fyodor Dostoyevsky)  Hiking |  |  | **E X P E R I E N C E**  **PROJECTS**  **Dream.log** *Software engineer | New York | 2020*  [**demo**](https://dreamlog.now.sh) **|** [**client-side repo**](https://github.com/pashatay/dreamlog) **|** [**server-side repo**](https://github.com/pashatay/dreamlog-server)  Full-stack web application. Dream journal/blog.   * Designed App Architecture & Constructed a PostgreSQL database to handle relationship between users and data, aiding logical organization of records while enforcing ACID compliance ensuring stability and predictability of data * Built Node.js server integrating Express RESTful architecture by designing semantic routes and middleware to modularize the request-response allowing for easy configuration of additional features * Stored bcrypt-encrypted user passwords in a database by randomizing salt rounds in order to ensure data consistency * Built client-site web API by leveraging reusable components in React.js to dynamically render pages with varying user data * Developed UX/UI by making it fully responsive for mobile devices using media queries in vanilla CSS * Exploited Chart.js library to visualize users data as a part of the app functionality   **Bestie** *Software engineer | New York | 2019*  [**demo**](https://bestie.now.sh) **|** [**client-side repo**](https://github.com/pashatay/bestie) **|** [**server-side repo**](https://github.com/pashatay/bestie-server)  Full-stack web application.A birthday reminder.   * Engineered a Node/Express server by creating custom middleware to handle authentication, session management, and serving static assets, decoupling server logic and maintaining a modularized and clean database * Utilized Nodemailer, Handlebars and Cron to implement email notifications functionality * Implemented JWTs by generating bearer tokens and validating a user session by caching the required credentials in order to optimize the number of requests made to the database, resulting in faster server response time and improved scalability * Implemented unit testing using Mocha/Chai and SuperTest module   **WORK EXPERIENCE**    **Front-end Web Developer** *Litanin.com | New York | 2019 – Present*   * Built reusable React Modules to supplement new features of the project * Optimized design of web pages for smartphones and tablets to improve responsiveness and user experience by using CSS3 * Used JavaScript to design the logic of web applications * Collaborated with other team members and participated in code reviews   **Software Project Manager**  *Credit Europe Bank | Moscow | 2011 – 2015*   * Managed internal software projects * Created project schedules and supervised a group of five engineers * Created documentation and maintained project plan throughout project execution * Acted as a liaison between the IT department and senior management |