Slava Nikolaevich

Senior Front-end & Back-end Engineer, 26 y.o

Education: B.S in Information systems and technologies

Location: Georgia, Tbilisi (GMT+4)

Description of key skills

Front-end:

- Responsive, adaptive, cross-browser, PixelPerfect layout by using BEM methodology;
- I use SCSS/Stylus with Flexbox, CSS grid, Styled components, CSS modules, Material UI, Bootstrap;
- Storybook;
- Adapting websites for mobile devices;
- Email layout;
- PWA;
- SPA development with React.js + Redux (thunk, saga), GraphQL, including SSR (Next.js);
- SPA development with Vue.js + Vuex;
- Javascript (ES5-ES2021), TypeScript, JQuery;
- Javascript third party libraries (sliders, validation, navigation, animation etc.);
- Loading and rendering performance optimizations & smooth interfaces;
- Web security (OWASP best practices, security testing tools);
- Unit testing: React testing library, Enzyme + Jest;
- E2E testing: Cypress, Puppeteer;
- CanvasJS;
- json, xml, ajax;
- svg / png sprites;
- Task runner: Gulp. Bundler: Webpack;
- Graphics preparation (cutting, editing and optimization of images);
- Basic Figma & Sketch & Photoshop skills;

Back-end:

- Node.js: Express.js, Nest.js, Koa.js, pure Node.js;
- Monolith and micro-services architectures (GRPC and RabbitMQ communication);
- Data management: Mongo.db (ORM: Mongoose), PostgreSQL (ORM: Sequelize), Firebase, MySQL, GraphQL, Memcached;
- Integration with payment systems (Payture, PayPal, Tinkoff, Yandex.kassa);
- CRM integration: Bitrix24;
- Web-scrapers development: Complex scrapers using a headless browser (Puppeteer) and usual URL based ones;
- Integration with third party services (trello api, vk api, slack api, telegram api, yandex metrika, google analytics, etc);
- Cloud Platforms: AWS (EC2, S3, Lambda, SES), Heroku;
- Containerization: Docker;
- CI/CD: GitlabCI, CircleCI, Jenkins;
- Logging & Monitoring: Sentry;
- PHP: Laravel, Wordpress; (I had experience with PHP in the past, but now I prefer to work with Node.js);

Communicativeness:

- Languages: English (Fluent/C1), Russian (Native);
- Evaluation of cost and time;
- Teamwork experience using gitflow (Github, Bitbucket, Gitlab);
- Team leading experience (Front-end CTO ~1.5 years);
- Project management in Jira, Trello;

Startup: Acroplia / United States (Remote) / March 2022 - Nov 2022

Position: Front-end technical lead & Node.js developer

Acroplia is an extensive and feature-rich communication, collaboration, and community platform for teams, families, and online learning.

For more information about the project, follow the link: https://slava-nik.github.io#recent_projects.

- Frontend tech lead responsibilities (Described below);
- Re-writing the existing monolith Kotlin backend to a new micro-services Node.js backend with the usage of Nest.js framework and TypeScript;
- Integration of the new micro-services backend to the existing frontend;

Startup: Acroplia / United States (Remote) / May 2021 - March 2022

Position: Front-end technical lead

- Working on the entire frontend part of the platform (all Acroplia modules). Was responsible for: performance optimizations, refactoring, new features, bug fixes, and technical solutions;
- Leading a team of 6 software engineers to ensure project milestones are achieved on time;
- Code review and help to team members;
- Team members performance evaluation;
- Tasks estimation and assistance to managers in the preparation of sprints;
- Collaboration with the design team, QA team, Kotlin backend team, and DevOps engineers;
- Conducting technical interviews with front-end and Node.js candidates. Conducted over 10 technical interviews;

Startup: Acroplia / United States (Remote) / Sept 2020 - May 2021

Position: Senior Front-end developer (React.js)

- Delivered a large number of features to Acroplia modules: notes, task manager, calls, chats, connect-scene, Acroplia drive, and idea boards;
- Resolved an extensive amount of different-level bugs across the entire platform;
- Re-factored a decent part of the code base;
- Integrated Sentry logging system to the project;
- Integrated Storybook UI tool for reusable components;
- Worked on critical rendering path to improve the loading performance of the platform. Significantly reduced the web-pack bundle size of the platform (down to 6 times); Lazy-loaded not-urgent components, libraries, data, and resources across the platform;
- Spotted performantly in-efficient parts in crucial Acroplia modules (collaborative notes, video calls, chats), significantly improved their rendering performance;
- Actively worked with the profiling tools (Chrome performance, React Profiler, wdyr, LightHouse, Memory leaks tools) to detect issues and improve the performance;
- Improved the rendering performance almost in every Acroplia module: connect-scene, notes, task manager, idea boards, chat, video calls, quests, and Acroplia drive;

Project stack: React.js, Redux, Webpack, Node.js (SSR), Redis, Web-sockets, AWS, Docker, Jitsi (Video conferencing), Quill.js (Notes), Konva.js (Canvas idea-board), MaterialUI, Storybook, etc;
Acroplia Drive backend: Node.js, Mongo.db (Mongoose);
Micro-services Node.js backend: Nest.js + TypeScript, GRPC, RabbitMQ, TypeORM, PostgreSQL;

Startup: Nomad Calendar / United States (Remote) / April 2020 - Sept 2020

Position: Full-stack web developer (Vue.js, Node.js)

Nomad Calendar is a progressive web application for travelers.

For more information about the project, follow the link: https://slava-nik.github.io#recent_projects.

Successfully developed and released the crucial part of Nomad Calendar PWA:

- Welcome screen view for initial PWA load;

- Main screen view: travel slider, friends on a trip, travel plans functionality, notifications, bottom menu;

- Group view: background images, group members, events calendar timeline share;

- Map view: events calendar, core google map integration logic (pinpoints, encounters);

- My Groups view;

- Profile view: travel plans;

- My timeline view;

- Share timeline view;

- Google Calendar integration;

- Destination view: travel advisories (travel.state.gov) Node.js parser and API, Coronavirus statistics Node.js parser and API;

- Generation of custom OG social image for every timeline share link via Selenium;

Project stack: PWA, Vue.js, Vuex, responsive web, Node.js + Express.js, MongoDB, AWS (S3), Docker, Google OAuth, Google Calendar API;

Startup: Good Gantt / Dec 2018 - April 2020

Position: Full-stack web developer (React.js, Node.js)

GoodGantt is a planning tool for Trello, that was created to simplify the process of project planning.

For more information about the project, follow the link: https://slava-nik.github.io#recent_projects.

- Investigated and resolved multiple crucial performance issues in the existing codebase of Good Gantt;

- Successfully delivered the major part of Good Gantt functionality: real-time collaboration, milestones, groups (creation and sorting), etc;

- Delivered crucial E2E tests for core functionality using Cypress;

- Successfully implemented and delivered the monetization part of Good Gantt:

  - Tariff plans functionality;

  - Teams functionality (The project manager can pay for places in his team, and add different users to the team. Only the users will get access to Gantt App);

  - Billing history page;

  - Promo functionality;

- Accomplished a custom integration with the Payture payment system (Custom widget, email cheques, recurrent payments for subscriptions);

Project stack: React.js, Redux, Firebase, Node.js + Express.js, MongoDB, Web-sockets, RabbitMQ, Docker, Payture payment system, Trello API;

Project: HR Network / Sept 2018 - Dec 2018

Position: Full-stack web developer

HR Network Platform helps enterprise clients find IT specialists.

For more information about the project, follow the link: https://slava-nik.github.io#recent_projects.

- Re-built the server-side part of the application using Node.js, Express, and MongoDB;

- Implemented Multilingual Support;

- Re-factored the front-end part of the website;

- Implemented mobile responsive layout;

- Implemented dynamic radar animation;

- Implemented email layouts, and set up automatic mailing to users via Amazon Email Service (AWS SES) integration;

- Deployed the project to AWS EC2 instance;

Project stack: JavaScript, SCSS, responsive web, Node.js + express, Mongo.db, AWS (EC2, Amazon SES);

Work experience / Oct 2015 - Sept 2018

Position: Full-stack web developer

I've been developing front-end and back-end for web applications.

My projects are available via the link: https://slava-nik.github.io#recent_projects.

Stack: Javascript, TypeScript, React.js, Redux, Material UI, SCSS, Node.js, Express, MongoDb, PostgreSQL, Docker

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