Oleg Proskurin

Frontend Developer

Email: pro@usul.su, skype: UsulPro, phone: 007 (926) 256-8332

github, NPM: usulpro, NPM: storybook, twitter, telegram, stackoverflow, linkedin

Skills

```
ECMAScript 6, Babel 7, Webpack 4, NPM, Yarn
```

Frontend Stack:

```
HTML5, CSS3,

React, Redux, Apollo-Client, React-Router, Reach-Router

Material-UI, Glamorous/Emotion/Styled Components, SASS/LESS

REST API, GraphQL API
```

Backend Stack:

```
Prisma, GraphQL-Yoga, Apollo-Server

Graphcool, Kinvey

Auth0, JWT, OAuth, Google Maps Platform, Jira API

Sendgrid, Recast.ai, Engati
```

DevOps, Tools, Tests:

```
Docker, Docker Compose

NodeJS, Git, GitKraken

Jest, Mocha, Chai, Storybook, React Styleguidist

Jira, Bitbucket, Github, Bitrix, Trello
```

Other Programming Languages

```
C#, Matlab, VB/VBA, ECMAScript
```

Project Examples

Create MUI Theme (open source)

Online tool for creating Material-UI themes. React SPA with Graphcool backend.

Demo: https://react-theming.github.io/create-mui-theme/

Storybook addon-console (open source)

Small project covered by tests, with JSdoc based documentation and VSCode integration features.

downloads 560k

Demo: https://storybooks.github.io/storybook-addon-console

Code: @storybook/addon-console

Storybook Addon Material-UI (open source)

Addon for Storybook. My biggest and most popular on GitHub project with big readme section.

storybook-addon-material-ui

downloads 155k

Other projects

See my other projects on https://github.com/usulpro

Professional Experience

Lead Frontend developer in Skipp (Skolkovo participant). Jan 2018 to present.

Skolkovo Marketplace https://rnd.sk.ru/

- Developing front-end business logic
- Improving auth process
- Migration from REST API (Kinvey) to GraphQL (Prisma + GraphQL-Yoga)
- Developing BaaS service
- recast.ai integration
- sendgrid.com integration
- customer support communications

Main achievement:

- faster page loading, after implementation of smarter fetching and caching logic
- improving UX by fixing bugs in legacy code

- automating development process via creating nodejs scripts
- organized consistent release process
- helped to adopt new members to a project team

Open Source Work. (2015 - present)

- React Storybook maintainers team member

- Creator and Developer of React Theming

- Translation: JavaScript Stack from Scratch into Russian

ACS Team manager in BL Group project department (Jan 2008 - May 2015)

- Creating of the automated control systems design team
- Coordination of work in the design department
- Urban customers relationship
- Development, improvement and implementation of control systems
- Creation of a uniform city dispatching service of architectural lighting
- Subcontracting and development management
- Development of media content for media facades
- Development software for dispatching service
- Work with PR department: writing articles, interaction with TV journalists, conference talks

Main projects

- The development of the architectural illumination of the Moscow Kremlin

- Participating as a project department rep in creation of Integrated Automated System For Architectural Lighting (IASAL). IASAL was created to connect all the urban installations of architectural lighting in a single network. Control is exercised from the control center. Monitored electrical characteristics and lighting modes. I developed a control system of the installation level and the dispatching software for storage and distributed loading of light shows to installations.

- Development and implementation of interactive colour-dynamic lighting system for "Golden island" (Moscow). The system reacted to the movement of people and started different color programs. A special light panel was created and we make it to work under our control system.

- Creation of a project for the management of color-dynamic lighting and media facades on New Arbat Street, author's supervision of installation and commissioning. video

- Development of a distributed control system (with the possibility of preloading of colour-dynamic programs) for colour-dynamic illumination of facade of the new stage of the Mariinsky theatre in St. Petersburg. Key features: the system can work with low speed, unstable communication channel (PLC in this case) because the color program is distributed to fixtures in the daytime.

- The leadership of the program for the development of an annual set of media content for festive and daily modes of operation on the main Moscow streets, including media facades on New Arbat Street. It was big job starting from developing videos and color dynamic shows for eight hight buildings on the New Arbat Street street and finishing with hundreds of buildings on the main city highways. We developed content for 23 festive modes, which were supposed to be synchronously started at a given time

Senior Engineer in BL Group project department (Sep 2002 - Dec 2007)

- Development, maintenance and support of architectural lighting projects
- The development of the concept of urban lighting control system
- Resolving issues with customers and related departments
- Lead a team of engineers

Personal Highlights

- In 2014 received the award of the city of Moscow in the field of literature and art for the development of a media façade on the New Arbat Street, as a leader of the project. article, document

- Developed a software system for the creation of colour-dynamic shows. It works with large amount of buildings and controllers. Includes visualization of shows. Started as a side project, it was installed in the city dispatch center in 2014. Dynamic Creative Tools

- In 2015 left the office job and went with my wife to live and travel in South East Asia. During three years explored new areas of communication, professional activities and interests.

Startup Experience

- Co-creator of smARTLight Intelligent lighting complex to manage architectural and street lighting

- Creator and developer of Dynamic Creative Tools software to create and manage colour dynamic light show in urban scales

Development of normative documentation

- Co-developer of Moscow regional recommendations on pricing in the field of construction - Dispatching and remote control of lighting (MRR-5.6-16). I developed a section "Calculation methodology and basic prices for the main types of design work" and participate in other sections.

Conference Talks

- Equal contrast system for computer graphics conference talk and publication. Interlight Moscow 2003

- PATTERN RECOGNITION and IMAGE ANALYSIS: NEW INFORMATION TECHNOLOGIES conference talk in PRIA-7-2004 conference

- The design of intelligent Lighting system conference talk. Interlight Moscow 2007

- The construction of intelligent lighting control systems on the example of The Mariinsky theatre in St. Petersburg conference talk and publication in the Led Forum 2013

Publications

- Realistic modeling of images of illumination of three-dimensional scenes on the computers screen publication in the conference abstracts of V NATIONAL LC. 2003

- Color dynamic artistic architectural illumination of the City bridge Light and Engineering 2007

- Color dynamics in the interior Light Design #3(50), 2012

- Architectural and artistic lighting of the "New Arbat Street" Light Design #2(53), 2013

Interviews and work with mass media

- How to illuminate facades. interview in the newspaper Evening Moscow. 2012

- The story about Triumphal Arch illuminating on TV. interview and the organizational work 2012

- The story about media illuminating of New Arbat Street on TV. interview and the organizational work 2013

- The story about media facades on New Arbat Street street on TV. interview and the organizational work 2013

Education

National Research University "Moscow Power Engineering Institute"

1997 - 2006

Degree: Magistrate

Title or Qualification: Electronics

Specialisation: Lighting

EU Blue Card Network VERIFIED DIPLOMA Profile

KNX basic course concluded by the KNX exam

2012

CV online version: github.com/UsulPro/portfolio