SERGEY BEDULIN

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Green Card holder

WORK EXPERIENCE

EPAM Systems (on-site contractor at Google)   **Irvine, CA**

Recommendations platform   Software Engineer / Team Lead   *July 2018 – Present*

- Designing and implementing components of a distributed system, which generates customer recommendations, tracks if these recommendations were applied and calculates respective metrics.
- Building data-intensive pipelines with several SQL layers and a business-rule Java/JavaScript layer.
- Developing dashboards to monitor pipelines health and performance.
- Adding UI tools to help business and support teams gather/test/analyze data faster.
- As of August 2019, leading a team of 5 engineers.
  - ° Using Agile Scrum with biweekly sprints and quarterly project planning.
  - ° Direct collaboration with stakeholders to refine business requirements, interpret requirements into technical language for further development.
  - ° Interviewing and onboarding new hires. Mentoring team members.

Web Analytics app   Software Engineer   *May 2017 – June 2018*

- Data Import part
  - ○ Defined AngularJS components design to enable customization of Local and Salesforce data importing process.
  - ○ Implemented various UI validation rules and hints to prevent potential misuse of data importing features.
  - ○ Initiated app migration from AngularJS to Angular/TypeScript, wrote design documents and transition procedure.
- User Management part
  - ○ Extended custom Angular controls with Forms functionality to track their editing state and validity.
  - ○ Implemented Nested Editable Sessions concept with possibilities to save/discard changes. A session allows to combine Angular templates/reactive forms, custom form controls and reason about their editing state.

Business certification app   Software Engineer   *April 2016 – April 2017*

- Developed JavaScript REST client to query learning resources. Created promise-based ChainedDataStream enabling multiple resources act like a single and provide paginated data until all resources are sequentially exhausted.
- Added UI performance tracking, which allowed to catch bottlenecks in API, server-side rendering and AngularJS views.
- Designed and implemented AngularJS components architecture for Material version of Status page. Collaborated with UX and business teams to finalize use cases.

iTechArt Group   **Minsk, Belarus**

Pixable   Software Engineer / Team Lead   *June 2014 – December 2015*

- Defined and set up initial project architecture with AngularJS client/PHP Laravel server, Grunt build process.
- Developed core components: client/server MVC parts, routing, mobile-first designs using Bootstrap SASS.
- Developed CRUD API layer to manage WordPress entities.
- Created a separate AngularJS web application to allow third-party contributors publish articles on main platform (aka simplified single-page mobile-accessible WordPress application).

MovesAndShakes   Software Engineer / Team Lead   *December 2013 – May 2014*

- Led a team of three software engineers and one QA engineer. Utilized Agile Scrum with biweekly sprints.
- Defined project stack with MongoDB/NodeJS/KnockoutJS, created Mongoose models with custom fields validation.
- Managed asynchronous control flows with waterfall, parallel, series patterns provided by AsyncJS library.
- Developed generic video player module, with specific adapters to Brightcove and Wistia service providers.
- Implemented CSV reporting of user progress.

GovernmentJobs   Software Engineer   *March 2013 – October 2013*

- Developed a step-by-step wizard to complete personal details. Every step contained a set of editable-in-place controls, extensively covered by custom validation rules.
- Designed and implemented a hierarchy of ViewModel components which considerably reduced code duplication.

SaM-Solutions   **Minsk, Belarus**

Kaspersky Lab   Software Engineer   *October 2010 – February 2013*
- Developed a variety of hybrid ASP.NET/jQuery controls wrapped into SDL Tridion components.
- Monitored and maintained websites running on IIS7, improved performance using Application Cache and techniques discussed in "High Performance Web Sites" book (fewer HTTP requests, using CDNs, minify/bundle resources, etc.).

EDUCATION

Belarusian State University   Bachelor of Science in Applied Mathematics   *September 2005 – June 2010*

LANGUAGES AND TECHNOLOGIES

- Java, JavaScript, SQL; prior experience with C#, PHP.
- Angular(JS), RxJs; prior experience with React, NodeJS, MongoDB, ASP.NET WebForms/MVC, Entity Framework.
- Google technologies like Spanner DB, BigTable, BigQuery, Google Guice, et al.