

YULIA KUCHINA

FRONT-END DEVELOPER

[PORTFOLIO](#)

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Sydney

Australian citizen

SKILLS

Languages	Typescript, JavaScript (ES6), Node.js, PHP, Grails, SQL, HTML5, CSS3
Libraries	React, React-Native, rxjs, Jest, Styled Components, Material-ui, Material-components, Semantic UI React and more
APIs	GraphQL, REST
Extra	React Hooks, Redux, Flow, PostCSS, Sass, Storybook, Webpack, Azure, Firebase, Git, CI/CD, Agile
Special Abilities	Complex Data visualisations using D3 or React + canvas 3D in a browser (tree.js, babylon.js) Maps (leaflet, mapbox, deck.gl)

I am a React developer with 4 years of commercial React experience and more than 8 years of Front End development. I am a fast learner with a good math background and a love for clean code and functional programming

PROFESSIONAL HISTORY

Revenue NSW | 09/2021 - current

Senior front-end engineer, 6-month contract

- Developing Land Tax Payments application. Creating coding test for interview, helping with CI-CD pipeline setup.
React, Typescript, rxjs, Redux, Docker, Gitlab, styled-components, Storybook, Jest

Kablamo | 03/2021 - 09/2021

Senior front-end engineer, contract

- [ABC triple j Unearthed project](#). Created a functionality for a new react app to upload and manage

musical tracks and allow users to leave reviews.

- Worked in a team to develop a firetrail.io web app for bushfire analysis and predictions. Implemented multiple Mapbox and deck.gl layers to toggle critical infrastructure objects, prediction isochrones, firetrucks updated locations, etc.
React, Typescript, Flow, Mapbox, deck.gl, styled-components, Storybook, Jest

Adrennial | 11/2020 - 03/2021

Front-end engineer

- Designed and developed complex interactive tree visualisations for the company ticketing system, based on USL model.
- Designed and developed highly interactive UI for transcribing tool: subtitles editor with interactive diagram (length, time, distribution, highlighted current).
- Worked across multiple projects to implement new features.
React, Typescript, Material-UI, Firestore, REST API, Jest, React-testing library, D3, Storybook

Centennial Coal | 06/2019 – 11/2020

Senior front-end engineer

Worked as only Front-End dev across seven projects for the last eight months. Designed, developed and maintained multiple projects.

- Shift Performance Tool: a React-Native app to let a user choose a list of the miners to see the current machine status.
- Real-time Performance Monitor application: a mobile/desktop dashboard.
- Workorders Board App: adjusting and expanding a trello-like web board to suit specific project requirements.
- Development of report application A PWA that allows quick creation of forms and reports, using react-json schema form as a base.
React, React-Native, Redux, Typescript, GraphQL, Jest, Material-UI, Storybook

Anditi | 09/2017 – 05/2019

Front-end engineer

- 3D portal for measurements in 3D models (point cloud and meshes). Implemented an octree to speed up a search of intersections in models, UI measurement tools including point of interest, distance, height tool, transect tool, annotations, volume, etc. Short demo video (from 1:00)
- Designed and developed a solar panel placement web app. Users can draw a roof plane on a map, place panels automatically or custom, rotate panels to a better fit, load solar potential image derived with the reflection of the site location, calculate energy output estimation and generate a pdf report.
- Developed Anditi Art, maintenance of Anditi website.
React, Redux, Typescript, Three.js, D3, Leaflet, Styled Components, Jest

Increaseo | 03/2017 – 06/2017

Front-end engineer, contract

Development of WordPress websites. Creating complex, highly interactional SVG diagrams.
Managing hosting (backups, databases).
WordPress, PHP, jQuery, Bootstrap, CPanel

Devspire Software | 2015–2017

Front-end engineer, self-employed

Designed and developed an income tax calculator. Residents and non-residents can calculate tax by taxable year, included or not superannuation and student loan, different payment options, etc
Designed and developed <https://openwage.com.au/> to visualise open Australian Taxation Office data about average individual income by occupation, state, region and years.
Customer support at <http://abncheck.com.au/> (part-time)
Javascript, jQuery, Grails, Bootstrap

Readmanga | 2009–2011

Self-employed

Design of new features and UI, content management, customer support at <https://readmanga.live>

Systematica Business Software | 11/2007 – 04/2008

Java developer

Creating complex SQL based reports on the government social payments database. Bug fixing in Java code. SQL, Java

Orenburg State University | 2002–2005

Web developer

Implemented a new [university website](#) design, performed maintenance and development of CMS.
Technical support for end-users.
Designed and developed [Scientific Research Magazine Vestnik](#) and [Phone Directory Application](#), including CMS for both.
PHP, SQL, XSLT, XML, HTML, CSS

EDUCATION

Masters degree in Computer Science and Mathematics

Orenburg State Pedagogical University 1998–2003