

Priyanjit Dey

JAVASCRIPT DEVELOPER

P-11/3 G-23, Prayas Apartments, Patuli, Kolkata-700094

(+91) 9474851429 | priyanjit.dey@gmail.com | <http://priyanjitdey94.surge.sh>

Work Experience

FusionCharts

Kolkata, India

SENIOR SOFTWARE ENGINEER

Apr. 2019 - Present

- Provide guidance to a team of junior developers, helping them with research and understanding of new feature requirements. Take part in planning of release scopes and sprints.
- Planning and development of discontinuous time axis to accommodate stock data information in FusionTime.
- Developed FaberJS, a platform agnostic javascript implementation of CSS grid to be used in SVG.
- Created internal dashboards using React, Redux.
- Created new visualizations: Sankey diagram and Chord diagram.

SOFTWARE ENGINEER

Jul. 2017 - Mar. 2019

- Revamped FusionCharts codebase from ES3 to ES6. Increased modularity and extensibility of codebase to make rapid development and quick iterations of new features easier.
- Worked extensively on performance optimizations of FusionCharts. Rewrote caching module of RedRaphael, rendering engine. Improved performance of [Smartlabel](#) by ~75%.
- Planning and development of FusionTime. Developed core functionalities of time scale from scratch which is used by various time-dependent FusionTime components.
- Maintenance of front-end wrappers(React, Angular, Svelte).

Projects

• Svelte wrapper for FusionCharts [[Link](#)]

A wrapper to make use of FusionCharts in Svelte applications easier. Started this as a side-project to leverage the fact that no other charting library provides a wrapper for Svelte. The wrapper got merged as a part of FusionCharts. Technologies used: Svelte.

• FaberJS - Platform independent CSS grid implementation [[Link](#)]

Platforms like SVG, HTML Canvas do not support any layout specific CSS like grid, flexbox which makes managing layout of visual elements difficult and clumsy. FaberJS is a solution to this problem and supports CSS grids as of now. Technologies used: JavaScript.

• Fable Studio - One dimensional infographic creator [[Link](#)]

Fable Studio can be used to create infographics. Created as part of a company-wide hackathon in less than 5 days. Technologies used: React, Redux, SCSS.

Education

Institute of Engineering & Management (IEM), MAKAUT

Kolkata, India

B.Tech In Computer Science & Engineering

Aug. 2013 - Jun. 2017

- DGPA: 8.72 out of 10.

Atreyee D.A.V Public School (CBSE)

South Dinajpur, India

- 94% in 12th standard(Science).
- CGPA 10(~95%) in 10th standard.

Technical Skills

- **Programming Language:** JavaScript.
- **Frameworks and libraries:** React, Redux, Svelte, Bootstrap, FusionCharts.
- **Other tools and libraries:** Webpack, Jest, Jasmine, Gulp.