

Priyanjit Dey

JAVASCRIPT DEVELOPER

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Work Experience

FusionCharts

Kolkata, India

SOFTWARE ENGINEER

Jul. 2017 - 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.
- 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.
- Created internal dashboards using React, Redux.
- Created new visualizations: Sankey diagram and Chord diagram.
- 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.