**Bimalendu Sarkar**

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**Location – Bhubaneshwar, Odisha**



**Professional Summary**

**Frontend (ReactJS) Developer** with **2 year** of experience in requirement analysis, design, development & deployment.

Experience in developing solutions over **Sharepoint** using **SPFx** in the **online** and **on-prem** versions.

Experience in developing web pages using **Highcharts, D3.js, HTML/HTML5, CSS/CSS3, SASS, LESS, Stylus, JavaScript, TypeScript, ReactJS, JSON, Node.js, Bootstrap.**

Expertise in **ReactJS** framework to develop the **SPA**.

Good Experience in **ReactJS** for creating interactive **UI using JSX**.

Good experience on **CSS** preprocessors **LESS**, **SASS and Stylus**.

Knowledge of working with **WSS** protocol using **Socket.IO**.

Experienced in working with **Node.js** and **npm** modules.

Good Experience in working with **Ant Design** (An enterprise-class UI design language and React-based implementation).

**Technical Expertise**

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| **Operating Systems** | Windows 7, Windows 8.1, Windows 10 |
| **IDE & Tools** | Sublime Text 3 |
| **Web Technologies** | HTML, HTML5, CSS3, SASS, LESS, Bootstrap, JavaScript, ReactJS, Node.js, Stylus, Ant Design, Highcharts, D3.js, Sharepoint, Sharepoint Framework(SPFx), TypeScript |

**Projects**

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| **7. Project** | **Saketa Intranet Suite** |
| **Client** | **Technovert Solutions Pvt. Ltd.** |
| **Role** | Software Engineer |
| **Environment** | ReactJS,Sharepoint, SPFX, HTML, SASS |

**Contribution:**

* Developed some of the widgets.
* Developed the Teams Engagement App app-part(An app where a team can share posts, ideas, etc.)
* Developed the List view and column customization.
* Created the project structure for Sharepoint 2016 on-prem version.

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| **6. Project** | **Datoms IOT Platform** |
| **Client** | **Phoenix Robotix Pvt. Ltd.** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, Ant Design, Node.js, HTML, LESS |

**Contribution:**

* Developed the frontend of the portal for tracking of quality check for the hardwares.
* Developed the SIM card management portal for maintaining and tracking SIM cards issued for R&D and Service managers.
* Developed the frontend for configuring the devices used in the firm.
* Developed the frontend for managing client details such as addition, deletion, and editing client details.

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| **5. Project** | **Kolkata Flood Forecasting and Early Warning System** |
| **Client** | **Kolkata Municipal Corporation, Asian DevelopmentBank** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, Ant Design, Node.js, HTML, LESS |

**Contribution:**

* Developed full frontend for the Kolkata Flood Monitoring and Forecasting System.
* Developed the frontend for displaying live data and history reports.
* Integrated Google Maps API and OpenLayers API with layer functionality.

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| **4. Project** | **Datoms DG Monitoring** |
| **Client** | **Different clients (ONGC Bokaro etc.)** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, Node.js, HTML, Stylus |

**Contribution:**

* Developed the full UI for Monitoring Diesel Generators and Variable Frequency Drives.
* Implemented the real-time data visualization, report generation, Google Maps API and user management.
* Developed and implemented remote switching and calibration in frontend using Socket.IO

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| **3. Project** | **Aurassure** |
| **Client** | **Chennai Smart City** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, Ant Design, Node.js, HTML, LESS |

**Contribution:**

* Developed the UI for the dashboard and reports page.
* Displaying live data from the server and historic data as reports.

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| **2. Project** | **Datoms Pollution Monitoring – CPCB portal** |
| **Client** | **Phoenix Robotix Pvt. Ltd.** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, PHP(API), HTML, Stylus |

**Contribution:**

* Developed the portal for displaying data of industries for CPCB (Central Pollution Control Board).

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| **1. Project** | **Datoms Pollution Monitoring – Vendor portal** |
| **Client** | **Phoenix Robotix Pvt. Ltd.** |
| **Role** | Web Application Developer |
| **Environment** | ReactJS, PHP(API), HTML, Stylus |

**Contribution:**

* Converted the old portal (pjax + ReactJS) to pure ReactJS.
* Developed the whole portal in ReactJS.

**Education**

* Bachelor’s Degree from Biju Patnaik University of Technology.