**SUMAN MONDAL**

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Web Developer, Cognizant

Bangalore, India

# OBJECTIVE

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Enthusiastic user interface design specialist with a passion for creating outstanding customer experiences by experimenting with the latest frameworks and concepts along with building scalable algorithms for better performance and user experience. Currently aspiring for a **Master of Science** degree in **Data Science** to learn, explore and excel in global opportunities.

# EDUCATION



**Bachelor of Technology in Mechanical Engineering** Aug 2013 - Jul 2017

Haldia Institute of Technology, West Bengal

CGPA – 8.01/10

**Higher Secondary (WBCHSE)** May 2011 - Jul 2013

Jadavpur Vidyapith, West Bengal

Aggregate – 70%

**Secondary (WBBSE)** May 2005 - April 2011

Jadavpur Vidyapith, West Bengal

Aggregate – 80%

# COURSES UNDERTAKEN IN B.TECH



* Majors – Mechanics, Thermodynamics & Fluid Mechanics, Manufacturing Process, Design of Machines, Mathematics.
* Minors – Principles of Computer Science, Numerical Methods, Physics, Chemistry, English Language & Technical Communication

# TECHNICAL SKILLS

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* Client-Side Programming: ReactJS, Angular 7, HTML5, CSS, JavaScript, TypeScript
* Server-Side Programming: NodeJS
* IDE: Visual Studio, Eclipse
* Other Tools: SonarQube, ESLint
* Version Control: GIT

# WORK EXPERIENCE

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**Associate - Projects** May 2021 - Present

Cognizant • Bangalore, India

**Systems Engineer** Feb 2018 – April 2021

Infosys • Bhubaneswar, India

**Projects** –

**Nintex Workflow to Power Automate Remediation Program** -

Project Description:

The objective of the project is to build a Power Automate Solution using SharePoint list. The solution will create an automated flow for multiple email approvals like – Approvals for sales order confirmation, Approvals for document uploading in a list.

**Customer Relationship Management** -

Project Description:

Our team developed a Sales web user interface. The data was fetched in a structured form of JSON with millions of objects. The business requirement was to reform this data based on various parameters and provide a precise dashboard. A multi-level user access was also implemented on client-side code.

**Data Pipeline Management** -

Project Description:

The objective of the project is to build a one-stop platform to monitor all client applications. Client’s users can manage flow of application data by creating custom pipelines to transfer and process data from multiple sources such as Teradata, Cassandra, Oracle without having to write any code.

**Runner** -

Project Description:

The objective of the project is to redesign Retail Runner with latest Technologies. It allows the user to view real time sales data in graphical as well as tabular format. The data is a collection of millions of objects (JSON format).

**Alert Tool** -

Project Description:

We created a user-friendly interface which will send email alerts to users for certain predefined conditions determined by Python Scripts. It allows to trigger formatted emails to the users in scheduled intervals and timing as well as along with data.

**Responsibilities across projects –**

* Building dynamic web pages using HTML5, CSS3 and ReactJS.
* Creating algorithms to format and perform actions like – Sorting (based on different parameters) to large data set.
* Reviewing code quality and optimising code using SonarQube and ESLint
* Configuring business logic layer in the back end(GSF/NodeJS) and integrating with ReactJS.
* Storing and handling user actions on client-side using Redux and Context API.
* Developing multiple custom React directives such as for responsive web pages, uploading files, handling time zone differences, and migrating multiple components of ReactJS (version 14) based applications to React JS 16.8 (using Hooks).

**Knowledge sharing and mentoring -**

* Conducting technical induction sessions for new team members.
* Hosting and presenting weekly knowledge sharing sessions on various features of ReactJS.
* Conducting sessions for application development teams across the enterprise to explain the detailed workings of developed UI components.
* At times help support team for complex problems/issues.

# ADDITIONAL PROJECTS APART FROM WORK

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**Custom Portfolio** – https://sumanmondal.com Jul 2021 - Present

Project Description:

Created portfolio to showcase my web development skills. The project was created with ReactJS front end, EmailJS for automated emails for user queries. It is hosted on Google Firebase.

**Pixoque** – May 2020 - Present

(Source code –

Frontend - <https://github.com/smn-mndl/PromoClub-UI>

Backend - <https://github.com/smn-mndl/PromoClub-Service>)

Project Description:

This is a web application for viewing and downloading high resolution stock images. The users can create account to add the images to their carts and download them later. Different image resolution(Extra Small, Small, Medium, Large) is provided to users according to their need.

Technologies Used **-**

* Front end - React JS.
* Back end – Node JS.
* Images Stored – Firebase and Amazon Web Services storage.
* APIs – REST API and GraphQL.
* Database – MongoDB Atlas.

**Calculator app for Android devices**  – Oct 2021 - Present

(Source code - <https://github.com/smn-mndl/calculator>)

Project Description**:**

Created algorithm for a calculator app for Android device. The functional operations are done with JavaScript language.

# CERTIFICATIONS AND SEMINARS

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* SharePoint & SPFx – Completed training in SharePoint, SPFx, O365, Nintex, Power Automate at Cognizant.
* Introduction to Data Science – Completed training to basic data science arranged by Infosys.
* Amazon Web Services Innovate (AI/ML Edition) – Attended seminar on Artificial Intelligence and Machine Learning implementations on Amazon Web Services.
* MERN Stack – Completed training on MERN stack (MongoDB, ExpressJS, ReactJS, NodeJS) at Infosys.
* GraphQL - Completed training on GraphQL at Infosys.

# EXTRA CO-CURRICULAR ACHIEVEMENTS

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* Active member of Infosys Recreational Club –
  + Took part in satirical drama “Office Wants to Know!” and played a role of an Indian Monk.
  + Took part in colour parade, was the flagbearer and leader of colour “White”.
* Active member of Photography Club –
  + Official photographer of Infosys – Apple Cultural meet, 2019.

# AWARDS AND HONOURS

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**Most Valuable Person** – Infosys 2020

Awarded the Most Valuable Person in the Sales domain for maintaining the highest standards while delivering applications.

**Insta Awards** – Infosys

2020

Awarded for incorporating innovative ideas in projects.

# WEBSITES

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* GITHUB - <https://github.com/smn-mndl>
* Portfolio **–** <https://sumanmondal.com>