

# SAGNIK GHOSH

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[PORTFOLIO](#) • [GITHUB](#) • [LINKEDIN](#)

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## SUMMARY

Adaptable Software Engineer with backend development expertise in NodeJs and ExpressJS, now pivoting towards frontend engineering with ReactJS and NextJS to craft seamless, user-centric experiences.

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## WORK EXPERIENCE

**Programmer Analyst, Cognizant Technology Solutions (CTS) - Kolkata** **Sep 2021 - Present**

- Developed a Automation portal with Node-React that reduced manual administrative effort of a Advanced Analytics Admin team related to access provisioning and Job/Cluster creation by almost 70%.
- Created data ingestion/processing pipeline using ADF and Databricks for the bronze/silver layer data implementing vacuum framework reducing data storage cost by approx 55%.
- Built 8 pages of the internal learning portal using HTML, CSS, Javascript and Bootstrap.
- Improved the performance by almost 70% of a Complex Reporting Screen removing a few nested for-loops in SAP-ABAP.

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## SKILLS

**Programming Languages:** JavaScript, TypeScript Python, SQL

**Frontend Technologies:** ReactJS, NextJS, Redux, Zustand, Tailwind, Material UI

**Backend Technologies:** Node JS, Express, Firebase, Sanity, Prisma ORM

**Databases:** MongoDB, MySQL, PostgreSQL

**Cloud Technologies:** Microsoft Azure, Datalake, Databricks

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## PERSONAL PROJECTS

**Full Stack Social Media Application** | [Github Link](#) | [Live Website](#)

Full-stack social media application like facebook built with React, NodeJS, Express and MongoDB having basic authentication functionality, like/react and comment with multi-image upload for posts, auto delete stories after 24 hours and send, accept friend requests.

**Full Stack Booking Application** | [Github Link](#) | [Live Website](#)

Full-stack booking application like Airbnb built with ReactJS - NextJS, NodeJS, Prisma and MongoDB having social login functionality with next-auth, image upload for hosting properties, reservation according to availability, map-component, date-picker etc.

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## EDUCATION

**Bachelor of Technology - Mechanical Engineering**  
Netaji Subhash Engineering College (Kolkata, India)

**July 2017 - June 2021**  
9.43 - DGPA

**Higher Secondary**  
Raniganj High School (H.S)

**May 2015 - July 2017**  
89.60%

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## CERTIFICATIONS

**Azure Fundamentals (AZ-900):** June 24, 2023

**Azure Data Fundamentals (DP-203):** February 18, 2023

**Azure AI Fundamentals(AI-900):** April 28, 2024

**Azure Data Engineering Associate (DP-203):** June 30, 2023

**Azure Administrator Associate (AZ-104):** May 28, 2024