

SAGAR KUMAR

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Education

Guru Gobind Singh Educational Society's Technical Campus (GGSESTC), Bokaro

B.Tech in Computer Science & Engineering

CGPA: 8.0/10.0

Aug 2021 – Jun 2024

Government Polytechnic Khutri, Bokaro

Diploma in Mechanical Engineering

Percentage: 79.0%

Jun 2018 – Jun 2021

Experience

Backend Developer, MediaNV

Ahmedabad

Exposure: NestJS, NextJS, PostgreSQL, TypeScript, TypeORM, EMRs

Dec 2025 – May 2026

- Developed scalable backend services for a healthcare org using **NestJS**, enabling secure management and synchronization of **Electronic Medical Records (EMRs)** across internal portals and client systems.
- Designed relational database schemas in **PostgreSQL** with **TypeORM**, improving data consistency, query performance, and efficient handling of patient history and clinical records.
- Built **RESTful APIs** for real-time data access and medical history sync, implementing backend validation, error handling, and modular service architecture in an agile cross-functional team.

Software Development Intern, VNB Consulting and Services

Bangalore

Exposure: Microsoft Power Apps, Dynamics 365, PCF, JavaScript, TypeScript, Power Platform

Apr 2025 – Jun 2025

- Developed and customized business applications using **Microsoft Power Apps** and **Dynamics 365**, focusing on enterprise workflow management and process automation.
- Built reusable UI components using **PowerApps Component Framework (PCF)**, enhancing application interactivity, user experience, and frontend customization capabilities.
- Collaborated on workflow automation solutions using **Power Platform** tools, integrating low-code development practices with business requirements in an agile environment.

Full Stack Development Intern, Nyutechden Engineering Pvt. Ltd.

Remote

Exposure: Node.js, JavaScript, HTML, CSS, Git, REST APIs, Full Stack Development

Apr 2023 – Jul 2023

- Developed and maintained responsive web applications including **erlglobal.studio** and **pulkitymehta.com**, building backend functionalities using **Node.js** to improve responsiveness.
- Integrated dynamic website features and collaborated via **Git**-based version control, contributing to real-world development cycles, debugging, and deployment workflows.
- Gained practical industry exposure on live client projects, understanding production-level development standards and full-stack application architecture.

Projects

Loan Management System (MERN Stack)

GitHub — Live Link

Exposure: React, Redux, Node.js, Express.js, MongoDB, JWT Authentication, REST APIs

2024

- Developed a full-stack loan management platform that enables users to check loan eligibility, apply for loans, and track applications online, reducing the need for physical bank visits.
- Built scalable REST APIs using **Node.js** and **Express.js** with secure **JWT authentication** and role-based access control for both customers and bank administrators.
- Designed responsive **React + Redux** dashboards for banks to verify customer details, evaluate eligibility, and efficiently approve or reject loan requests in real time.

MIT Marketplace (MERN Stack)

GitHub — Live Link

Exposure: React, JavaScript, Firebase Authentication, Firebase Realtime Database, Node.js, Express.js

2024

- Developed a centralized marketplace platform for MIT students to buy, sell, and discover daily-use products, making relocation and accommodation setup easier for students from different locations.
- Implemented secure **Firebase Authentication** and real-time database synchronization using **Firebase Realtime Database** with **Node.js/Express.js** for managing user profiles, product listings, and orders.
- Built responsive **React** interfaces with dynamic product rendering, smooth navigation, and personalized browsing experience across mobile and desktop devices.

Skills

Programming Languages: JavaScript, TypeScript, C, C++, OOPs

Libraries / Frameworks: React.js, Next.js, Node.js, Express.js, NestJS

Databases & Tools: MongoDB, PostgreSQL, TypeORM, Firebase, Git, GitHub, Jira, Notion

Core Skills: REST APIs, Authentication & Authorization, Backend Development, Full Stack Development, Database Design, Responsive Web Development

Certifications

Full Stack Web Development – Masai School

[Certificate Link](#)