

# SAHIL BISHT

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## Education

### KIET Group of Institutions

Bachelor of Technology Computer Science

June 2021 – May 2025

Ghaziabad, Uttar Pradesh

### Kendriya Vidyalaya No.1 Hindan

Senior Secondary

April 2019 – May 2020

Ghaziabad, Uttar Pradesh

## Certifications

- MongoDB Associate Developer
- Solana Blockchain Developer Bootcamp with Rust

## Experience

### EasyEd

Full-Stack Developer

January 2023 – January 2024

Greater Noida, Uttar Pradesh

- Orchestrated front-end and back-end development initiatives, leading UI/UX design, API development, and database management tasks; boosted user engagement by 40% through intuitive interface enhancements and optimized API performance for faster data retrieval.
- Led comprehensive code reviews, identified 50+ critical issues, and executed debugging processes, resulting in a 40% reduction in software bugs and enhancing overall application stability and performance.
- Deployed the backend system on Amazon AWS, optimizing for at least 99.99% availability and scalability to handle a minimum of 1000 requests per second.

## Projects

### Sharesphere | *React, Node.js, MongoDB, Express.js* | [GitHub](#) | [Live preview](#)

February 2024 - March 2024

- Developed ShareSphere, a social media platform, utilizing the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Designed and implemented the front-end interface using React.js, creating a seamless and responsive user experience.
- Utilized Express.js and Node.js to build robust back-end APIs for user authentication, post management, and interaction functionalities, achieving an average response time of under 50 milliseconds and handling over 1000 concurrent connections.
- Ensured secure data transmission and storage by implementing encryption and authentication protocols.

### Bloggle | *React, Node.js, MongoDB, Express.js* | [GitHub](#) | [Live preview](#)

August 2023 - October 2023

- Engineered a full-stack blog writing website leveraging the MERN (MongoDB, Express.js, React.js, Node.js) stack to facilitate blog creation, reading, and interaction functionalities.
- Created RESTful APIs with Express.js and Node.js to handle user authentication, creating blogs, reading, and commenting functionalities.
- Integrated MongoDB to store user data, blogs, and comments, ensuring scalability and efficient data retrieval.

### Def Call | *React, Node.js, Python, and Socket.io* | [GitHub](#) | [Live preview](#)

March 2023 - June 2023

- Created a specialized video calling platform tailored for deaf and mute individuals, integrating a machine learning model trained on American Sign Language (ASL) to detect and interpret hand gestures.
- Utilized Python to develop the machine learning model, React for the front-end interface, Node.js for server-side logic, and Socket.IO for real-time communication, resulting in a 30% increase in processing speed and a 20% improvement in real-time responsiveness.
- Conducted extensive testing and optimization to achieve 95% accuracy in detecting ASL gestures across diverse lighting and environmental conditions.

## Technical Skills

**Frontend:** HTML/CSS, JavaScript, ReactJs, React Native

**Backend:** Node.Js, Express.Js, PHP

**Database:** MySQL, MongoDB, PostgreSQL

**DevOps:** Amazon AWS, Microsoft Azure, Docker

**Programming Language:** C, C++, Python, Rust, GoLang

## Languages Known

Hindi, English, Spanish