

BHUPENDRA SINGH

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SKILLS

Technical Skills

- **Programming Languages:** C, C++, Java, JavaScript
- **Web Technologies:** HTML, CSS, Tailwind CSS, React, Node.js, Express
- **Database:** MongoDB

Languages

- English
- Hindi

EDUCATION

Bachelor of Computer Applications (B.C.A)

Sep 2022 – Jun 2025

Royal Educational Institute, Ghaziabad — Affiliated to CCS University

Intermediate (12th), PCM Stream

Jul 2020 – Jun 2022

Seth Mukand Lal Inter College, Ghaziabad — UP Board

High School (10th)

Jul 2019 – Jun 2020

H.H.K.M. Inter College, Ghaziabad — UP Board

PROJECTS

Online Learning Platform (LMS)

An e-learning platform like Udemy or Coursera.

Technologies Used:

- Frontend: React.js, Tailwind CSS, React Router
- Backend: Node.js, Express.js, Multer (for video upload), Cloudinary
- Database: MongoDB
- Authentication: JWT, bcrypt
- Features: Course management, video streaming, quizzes, role-based access (student/teacher/admin)

URL Shortener app

A full-featured URL shortener platform like Bitly or TinyURL, with authentication, click analytics, user dashboards, and secure link management.

Technologies Used:

- Frontend: React.js, Context API (for state management), Tailwind CSS (for responsive UI)
- Backend: Node.js, Express.js
- Database: MongoDB (with Mongoose)
- Authentication: JWT (JSON Web Tokens), bcrypt.js (for password hashing)
- Features: RESTful API, role-based access (admin/user), link expiration, QR code generation
- Tooling: Axios, React Router, dotenv, Postman (for API testing)

Real State Website

An online Real State platform.

Technologies Used:

- Frontend: Next.js (App Router), React.js, Tailwind CSS, shadcn/ui, Aceternity UI, Framer Motion, Axios
- Backend: Next.js API Routes / Node.js & Express.js
- Database: MongoDB with Mongoose
- Authentication: JWT (Access & Refresh Tokens), bcrypt.js (password hashing), role-based access (admin/user)
- Core Features: Property listing system, vendor profiles, advanced filters (type, price, amenities, location), favourites, contact form, image upload (Cloudinary), dashboard analytics
- Tools & Libraries: React Table, Chart.js/Recharts, dotenv, Postman (API testing), Git & GitHub