

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
- **Core Skills:** Data Structures & Algorithms (DSA) using Java

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)

Jan 2025 - Present

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)

E-commerce Website

Sep 2024 - Dec 2024

An online shopping platform with cart and payment integration.

Technologies Used:

- Frontend: React.js, Redux Toolkit, React Router, Tailwind CSS or Bootstrap
- Backend: Node.js, Express.js
- Database: MongoDB (with Mongoose)
- Authentication: JWT, bcrypt
- Payment Gateway: Stripe or Razorpay
- Admin Dashboard: Chart.js for analytics, React Table

Social Media App

Jan 2024 - Jul 2024

A full-featured social media platform like Facebook or Instagram.

Technologies Used:

- Frontend: React.js, Redux (for state management), Tailwind CSS or Material-UI
- Backend: Node.js, Express.js, Multer (for image uploads), Socket.IO (for real-time chat)
- Database: MongoDB (with Mongoose)
- Authentication: JWT (JSON Web Tokens), bcrypt.js (for password hashing)
- Storage: Cloudinary or Firebase Storage (for storing profile pics/media)

URL Shortener app

Jul 2023 - Dec 2023

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)