

# AVINASH BURNWAL

avinashburnwal21@gmail.com | Kolkata, India | +91 8250944580 | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## WORK EXPERIENCE

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### Navodita Infotech | Full Stack Developer

June 2025 – July 2025

- Built a modern, responsive web interface using React.js with reusable components, improving user experience and reducing code duplication by 30%.
- Collaborated across frontend and backend teams to develop scalable full-stack features, ensuring clean API integration and timely releases in an Agile environment.
- Utilized Redux for centralized state management, improving app responsiveness and reducing component re-renders by 40%.

## PROJECTS

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### Face Recognition Attendance System

[\(GitHub Repo\)](#)

- Developed an AI-based real-time attendance system with 93% face recognition accuracy using Python, OpenCV, and Flask.
- Integrated Firebase Realtime Database and Cloud Storage for managing student data and attendance records.
- Enhanced the live video feed using CVZone overlays and timestamped web-based attendance logging.

### STUDY NOTION: Online Learning and Examination Platform

[\(GitHub Repo\)](#)

- Built a full-stack web application using the MERN stack that offered both free and paid courses for students, with integrated Razorpay payment gateway for secure transactions.
- Implemented a "Take Test" module used by 100+ authenticated students, enabling timed, subject-wise MCQ exams with results tracking.
- Designed an Admin Dashboard that enabled admins to manage subjects, add MCQ questions with correct answers, and oversee platform operations.

### URL SHORTENER

[\(GitHub Repo\)](#)

- Developed a URL shortener with unique links and hit tracking, achieving a 70% increase in faster redirection faster.
- Implemented user authentication and efficient database management.
- Tech Stack: Node.js, Express.js, MongoDB, EJS, Tailwind CSS

## SKILLS

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**Languages:** C++, C, HTML, CSS, Python, JavaScript

**Frameworks/Libraries:** React.js, Next.js, Node.js, Tailwind CSS, Express.js, OpenCV, CVZone, Flask

**Databases:** MongoDB (NoSQL), MySQL (Relational DB)

**Tools:** Git/GitHub, MongoDB, Bootstrap, Figma, Postman

**Platforms:** PyCharm, Visual Studio Code, Windows, Ubuntu

**Soft Skills:** Team Management, Communication, Leadership

## EDUCATION

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### Heritage Institute of Technology, Kolkata

2022 – 2026 (Expected)

Bachelor of Technology in Computer Science and Engineering (CGPA: 7.5/10)

- **Relevant Courses:** Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), Database Management Systems (DBMS), Operating Systems, Computer Networks

## ACHIEVEMENTS/POSITIONS OF RESPONSIBILITY

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- **HackHeritage Hackathon:** Secured a top-10 position at the HackHeritage Hackathon, leading the frontend and facial recognition module integration.
- **Problem Solving:** Solved 300+ questions on LeetCode and GeeksforGeeks with 1400+ ratings, demonstrating strong DSA proficiency and delivering optimized, scalable solutions.
- **Google Developer Student Clubs:** Active core team member contributing to events, workshops, and community projects.