

# AVINASH BURNWAL

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## WORK EXPERIENCE

- 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

- 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

**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

- 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

- **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.