

# SHASHANK DUBEY

CSE (CYBER SECURITY)

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## EDUCATION

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ORIENTAL COLLEGE OF TECHNOLOGY, BHOPAL (2022-PURSUING)  
BACHELOR OF TECHNOLOGY (B.TECH) CSE (CYBER SECURITY)

- Proficient in network security protocols, cryptography, and vulnerability assessment.
- Hands-on experience with penetration testing tools like Metasploit and Wireshark.
- Strong understanding of firewalls, intrusion detection systems (IDS), and data encryption techniques.
- Conducted security audits and implemented secure coding practices to prevent cyber threats.
- Collaborated in team projects to develop secure web applications and prevent SQL injection attacks.

## TECHNICAL SKILLS

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- FRONTEND :- React.js, HTML, CSS, JavaScript, GSAP (For Animation)
- BACKEND :- Node.js, Express.js
- DATABASE :- MongoDB
- TOOLS & TECHNOLOGIES :- Git & GitHub, REST APIs, Firebase, Postman
- Error Handling & DSA-Driven Problem Solving

## PROJECT

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### Bank Pro — UPI Banking & Money Management Web App

#### Description:

Engineered a secure, UPI-inspired digital banking platform enabling users to transfer money, check balances, review transaction history, and make bill payments through a modern, frictionless interface. Implemented robust authentication and smooth micro-interactions to deliver an app-like web experience.

#### Key Contributions:

- Built end-to-end money transfer & balance management workflows
- Implemented **JWT-based authentication** with secure session handling
- Designed a **modern, responsive UI** with GSAP animations for a premium feel
- Developed clean REST APIs for transactions, users, and notifications
- Structured database models for high-reliability financial operations

**Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT Auth, GSAP, Firebase, REST APIs

## ReadyGo — Online Ride Booking Web Platform

### Description:

Developed a fully responsive ride-booking platform where users can request rides, track driver status, manage trips, and access booking history. Built optimized UI flows and implemented secure authentication to deliver a seamless, real-time booking experience.

### Key Contributions:

- Designed intuitive ride-request and booking management interface
- Integrated **Firestore Authentication** for secure login
- Implemented **driver status updates** and **dynamic UI rendering**
- Built **REST APIs** for users, rides, and booking history
- Ensured smooth responsiveness across all devices

**Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Firebase Auth, REST APIs

## Employee Management System

- Designed and developed a **full-stack** Employee Management System to efficiently handle employee data.
- Integrated features for adding, editing, and deleting employee records with a user-friendly interface.
- Implemented robust authentication and authorization for secure access control.
- Utilized **React.js** for the front end, **Node.js** and **Express.js** for the backend, and **MongoDB** for data storage.
- Ensured smooth data management and enhanced security measures to prevent unauthorized access.

## Online Task Management

- Developed a dynamic Task Management Application with real-time updates and priority-based task organization.
- Implemented features for task categorization and seamless management.
- Integrated Firebase for secure user authentication and cloud-based data storage.
- Built the front end using **React.js** and styled with **Tailwind CSS** for a sleek UI/UX.
- Enhanced productivity and task tracking with an intuitive and responsive interface.

## CERTIFICATIONS & COURSES

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### Sheryians Coding School — Full-Stack Web Development Program (2024)

Completed an intensive, industry-aligned full-stack web development training covering modern front-end, back-end, and production workflows.

- Gained hands-on expertise in **HTML**, **CSS**, **JavaScript**, and modern UI development practices.
- Built responsive, high-performance interfaces using React.js, component-driven architecture, and state management.
- Developed server-side applications with Node.js & Express, implementing REST APIs, authentication, and database connectivity.
- Worked with **MongoDB / SQL** databases to design and manage scalable data models.
- Built multiple real-world projects integrating full-stack concepts, deployment pipelines, and version control (**Git/GitHub**).
- Strengthened problem-solving, clean coding practices, and end-to-end application development workflows.

**Outcome:** Graduated with practical full-stack projects, demonstrating readiness to build modern, production-grade web applications.

## **LANGUAGES.**

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- HINDI (NATIVE): FLUENT (READ & WRITE).
- ENGLISH: FLUENT (READ & WRITE).

## **INTERESTS & EXTRA HIGHLIGHTS.**

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- Strong passion for building **full-stack web applications**, **UI/UX optimization**, and **modern front-end engineering**.
- Active in coding communities, hackathons, and continuous **DSA** practice to strengthen problem-solving skills.
- Experience organizing and contributing to tech events, workshops, and collaborative projects.
- Creative interests in **travel**, and **photography**, bringing a unique perspective to product thinking.

**Why Me:** I bring a strong bias for action, clean coding practices, fast learning ability, and a product-thinking mindset — enabling me to deliver reliable, user-centric solutions with speed and ownership.