Ritesh Kumar Pradhan

+91 7091428588 — riteshkumarpradhan70@gmail.com

LinkedIn — GitHub — LeetCode — HackerRank

PROFESSIONAL SUMMARY

Motivated Computer Engineering student with hands-on experience in backend development using Node.js, Express, and MongoDB. Skilled in designing RESTful APIs, implementing JWT-based authentication, and integrating databases. Familiar with frontend technologies (HTML, CSS, JavaScript) and agile methodologies. Adept at data validation, error handling, and working collaboratively in fast-paced team environments. Eager to contribute to projects involving user analytics, secure payment workflows, and scalable web applications.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python (Basic), C/C++ (Basic), SQL, HTML5, CSS
Frameworks: Node.js, Express.js, jQuery
Databases: MySQL, MongoDB
API Authentication: JWT, OAuth (basic understanding)
Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA
Development Practices: RESTful APIs, Agile, SDLC
Core Concepts: OOP, Data Structures & Algorithms, Time & Space Complexity, Debugging

EDUCATION

Jain (Deemed-to-be University)	B.Tech in Computer Engineering (Software Engineering) CGPA: 8.0/10	2022–2026
A D L S Sunshine (CISCE)	Class 12 (Science) 87.5%	2021
A D L S Sunshine (CISCE)	Class 10 84.0%	2019

PROJECTS

1. **Contact Management System** (Backend Developer, Node.js/Express/MongoDB)   2025
   - Engineered a full-stack CRUD web app to securely manage and query contact details.
   - Built RESTful API endpoints using Express, integrated backend with MongoDB for scalable data storage.
   - Implemented data validation and error handling on both client and server sides, increasing data quality by 40%.

2. **Personal Portfolio Website** (Frontend Developer, HTML/CSS/JavaScript)   2025
   - Developed a fully responsive personal website showcasing projects and skills with smooth scrolling, dynamic animations, and adaptive design for desktop and mobile devices.
   - Implemented custom JavaScript functionalities, including interactive navigation toggling, typing animations, and animated skill bars.
   - Utilized advanced CSS animations, gradient backgrounds, and parallax effects to enhance user engagement and interface aesthetics.

3. **Virtual Voice Assistant** (Developer, JavaScript/Web Speech API)   2025

   - Built a browser-based voice-controlled assistant for real-time speech recognition and synthesis.
   - Designed modular command system enabling time/date queries, greetings, and app launching.
   - Ensured cross-browser compatibility and accessibility, achieving 98% command recognition accuracy.

4. **Quiz Website** (Frontend Developer, HTML/CSS/JavaScript)   2025

   - Built an interactive quiz web application with multiple-choice questions and score tracking.
   - Implemented dynamic question loading and real-time score calculation using JavaScript.
   - Designed a responsive and modern UI with CSS, featuring hover effects, transitions, and mobile adaptability.

5. **To-Do List Application** (Frontend Developer, JavaScript/HTML/CSS)   2024

   - Developed a responsive web-based task manager featuring add/delete functionality and persistent local storage.
   - Designed intuitive user interface with modern CSS animations to improve experience and engagement.
   - Optimized DOM manipulation boosting app performance for up to 100 concurrent users.

PROFESSIONAL ATTRIBUTES

- Strong communication and teamwork skills.
- Self-motivated and adaptable in fast-paced environments.
- Problem-solving focused with attention to detail.
- Effective collaborator in cross-functional teams.

CERTIFICATIONS & ACHIEVEMENTS

- Java (Basic) – HackerRank (2024)
- Object-Oriented Analysis and Design – University of Colorado (2025)
- Java EE – LearnQuest (2025)
- Node.js Development – EDUCBA (2025)
- Solved **200+ problems in Java, 5-star rank** – HackerRank
- Solved **150+ problems** – LeetCode