DIMPLE GUPTA

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CAREER OBJECTIVE

Entry-level developer with hands-on experience building responsive web applications using React.js and integrating RESTful APIs with Node.js and MySQL. Strong foundation in Data Structures, DBMS, and software development principles, with practical exposure to CRUD operations, authentication workflows, and scalable component architecture.

TECHNICAL SKILLS

Languages: C#, C++, JavaScript
Frontend: React.js, HTML5, CSS3
Backend: ASP.NET, Node.js, Express.js, REST APIs
Database: MySQL
Core Concepts: OOP, DBMS, Data Structures & Algorithms
Tools: Git, VS Code

EXPERIENCE

Frontend Developer Intern – Client Analysis   (Dec 2025 – Present)
- developed reusable React.js components using Hooks and state management to support scalable UI architecture
- Connected frontend modules with RESTful services and executed CRUD operations using MySQL
- Optimized rendering performance to enhance responsiveness and user interaction
- Maintained version control using Git and collaborated within feature-based development workflows

PROJECTS

Safety Feature Detection System
- Created a responsive dashboard to display real-time PPE detection results powered by YOLOv8 output
- Structured live video stream data processing for helmet and vest detection visualization
- Built monitoring interface to track compliance metrics and automate safety reporting

AI-Powered Roommate Matching
- Crafted compatibility scoring logic using structured user attributes stored in MySQL
- Developed backend services using Node.js and Express.js for match generation and data processing
- Enabled seamless data exchange through RESTful API communication
- Delivered a functional prototype within a 48-hour national-level hackathon

ACHIEVEMENTS

SheBuilds Hackathon 2025 – National Level
- Ranked among top teams from 2000+ applicants
- Produced AI-based matching solution within a 48-hour development cycle

EDUCATION

B.Tech – Computer Science and Engineering
G.H. Raisoni College of Engineering
2022 – 2026 | CGPA: 7.33