DHANVAN KUMAR

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- **OBJECTIVE**

  Computer Science undergraduate with hands-on experience in web development and foundational knowledge of AWS Cloud. Focused on building scalable applications, deploying real-world projects, and continuously strengthening software engineering fundamentals.

- **SKILLS**
  - **Frontend:** HTML, CSS, JavaScript (ES6+)
  - **Backend:** Node.js, Express.js (Basic)
  - **Database:** MongoDB (Intermediate), MySQL
  - **Cloud:** AWS EC2, S3, IAM, VPC
  - **Programming:** Java CS Skills: DSA (Intermediate)
  - **Tools:** Git, GitHub, VS Code
  - **AI & Emerging Tech:** Generative AI (Basic), AI Agents with n8n (Basic)

- **INTERNSHIP**
  - **Programing with Java**

    CODSOFT | (25 Oct 2024 – 25 Nov 2024) Worked on Java-based projects focusing on data structures, algorithms, and problem solving. Gained hands-on experience in OOP Concepts, file handling, and automation. Improved coding, debugging, and logical thinking skills through mini projects.

- **PROJECTS**
  - **Travel & Accommodation Booking Platform (Airbnb-style)**
    - Built a **full-stack Airbnb-style** travel and stay booking platform using **React, Node.js, Express,** and **MongoDB**, supporting user authentication, property listings, and booking workflows.
    - Implemented **JWT-based authentication** and role-based authorization (User/Host) to ensure secure access and data integrity.
    - Designed scalable **RESTful APIs** and **optimized MongoDB schemas** to handle property search, availability, and booking management.
    - Deployed the application using Vercel (frontend) and Render (backend) with environment-based configuration for production readiness.

  - **AI Assistant Application using Open-Source LLMs**
    - Developed an **AI assistant application** using open-source large language models **(LLaMA/Mistral)** integrated via a Node.js backend.
    - Designed **REST APIs** to handle **prompt processing**, response generation, and conversation context management.
    - Built a responsive frontend interface to interact with the AI assistant, focusing on usability and real-time feedback.
    - Eliminated dependency on paid **APIs by deploying local LLM inference,** reducing operational cost while maintaining performance.

- **INTERESTS**
  - Traveling
  - Sports
- **LANGUAGE**
  - English
  - Hindi

- **EDUCATION**