ADARSH PANDEY

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PROFESSIONAL SUMMARY

Enthusiastic and technically proficient Computer Applications undergraduate with hands-on experience in backend development, RESTful APIs, and full-stack web applications. Adept at building secure, scalable systems using Node.js, Express, MongoDB, and JWT. Strong grasp of authentication, session management, and file uploads with Multer. Skilled in integrating dynamic EJS templating and creating real-world applications like blogging platforms and file-based note managers. Eager to contribute to innovative engineering teams with a focus on performance, reliability, and clean code.

TECHNICAL SKILLS

- **Programming Languages:** C, JavaScript (ES6+), PHP, Python
- **Frontend:** HTML5, CSS3, Tailwind CSS, EJS (Embedded JavaScript), DOM Manipulation
- **Backend & Frameworks:** Node.js, Express.js, RESTful API Development, Middleware
- **Authentication:** JWT (JSON Web Tokens), bcrypt, Session & Cookie Management
- **Database:** MongoDB, Mongoose, MySQL
- **Tools & DevOps:** Git, GitHub, Postman, Multer, VS Code, Nodemon, npm
- **Testing & Debugging:** Console-based debugging, Postman testing
- **Others:** File System Module (Node.js fs), Multer for file uploads, Crypto module
- **UI/UX Libraries:** Tailwind CSS, Locomotive Scroll

PROJECTS

Blog App – Full Stack Node.js Application

- Node.js, Express, MongoDB, JWT, bcrypt, Multer, Tailwind, EJS
- Developed a full-featured blogging platform with secure authentication and user-specific post management.
- Integrated JWT for route protection, bcrypt for password hashing, and Multer for profile picture uploads.
- Implemented post liking/editing, and user-specific dashboard using Mongoose population.

AI Doctor (HTML, CSS, JavaScript, API Integration)

- Developed an AI-powered medical diagnosis assistant that identifies potential diseases based on user-input symptoms.
- Integrated dynamic API responses through a CORS-enabled server for real-time results.
- Designed an intuitive and user-friendly interface.

Note-Taking App – File-Based Notes Manager

- Node.js, Express, FS Module, EJS, Tailwind
- Built a note-taking app where users can create, read, and rename text files through a web UI.
- Used Node's fs module to manage .txt files directly from the backend.
- Minimalist and responsive UI using EJS and Tailwind CSS.

Text-to-Speech Converter (HTML, CSS, JavaScript)

- Created a web app that converts user-input text to speech using browser APIs.
- Enhanced accessibility and built a responsive, clean interface.

Heritage Website (HTML, CSS, JavaScript)

- Built a responsive frontend website functioning as a history encyclopedia.
- Included content on monuments, rulers, and philosophers.
- Ensured full cross-browser compatibility and mobile responsiveness.

Virtual Assistant - EDITH

- Built a voice-command-based virtual assistant using HTML, CSS, and JavaScript.
- Developed a voice-command-based assistant to automate daily tasks.

Other Projects:

- **Digital Clock, To-Do List, and Calendar:** Developed responsive web applications using HTML, CSS, and JavaScript, aimed at enhancing productivity and user convenience. Each project includes dynamic functionalities and a user-friendly interface.

- **Puzzle Game:** Designed a logic-based puzzle game showcasing interactive frontend skills.

- **Portfolio Website:** Created a personal portfolio to display skills, projects, and achievements.
- Optimized for performance and mobile responsiveness.

EDUCATION

Bachelor of Computer Applications (Hons.)
Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal, Madhya Pradesh, India.
2023 – 2027

LANGUAGE

ENGLISH - Professional Proficiency