

D.K.VIJENDRAKUMAR

 [LinkedIn](#) | dkvijendra04@gmail.com |  [GitHub](#) |  [Portfolio](#) | 895-174-2951

Profile Summary

Full-stack MERN developer and engineering student skilled in building responsive web applications, integrating RESTful APIs, and writing clean, scalable code. Focused on performance, usability, and delivering user-centric solutions in collaborative environments.

TECHNICAL SKILLS

- **Languages:** Python, C/C++, JavaScript, SQL, PHP
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, Django & **Database:** MongoDB
- **Concepts:** DSA, OOP, DBMS, OS
- **Developer Tools:** VS Code, Postman.
- **Python Libraries:** Pandas, NumPy, Matplotlib, scikit-learn, Seaborn

CERTIFICATES:-

- **Power BI Workshop** – Data visualization techniques
- **National Road Safety Hackathon**
- **NPTEL Java andpython Certificates** – Programming in Java and Joy of computing using python

PROJECTS

- **MERN Task Distributor – Full-Stack Web Application- [GitHub](#)** **May 2025-May 2025**
Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Multer, csvtojson, xlsx
 - Built and deployed a full-stack task distribution system that improved admin efficiency in task allocation by 80%, using the **MERN** stack.
 - Secured the application with JWT-based authentication, ensuring protected access to admin routes and sensitive data.
 - Developed end-to-end agentmanagement features (Create, Read, Update, Delete) with role control for seamless admin operations.
 - Implemented file upload support for **.csv/.xlsx**, enabling structured task ingestion with **Multer**, csvtojson, and xlsx.
 - Automated equitable task distribution among agents using backend algorithms, eliminating manual workload allocation.
 - Enhanced user experience with frontend task editing, deletion, and dynamic search/filter features built in React.
 - Designed an intuitive and responsive dashboard to display agent-wise distributed tasks using React Router and Axios.
 - Deployed on MongoDB Atlas, ensuring reliable and scalable cloud data storage and faster retrievals.
- **Realtime Chat Application - [GitHub](#)** **April 2025 - April 2025**
Tech Stack: Node.js, Socket.io, HTML, CSS, JavaScript
 - Built areal-time web chat app using **Socket.io** for bi-directional, low-latencymessaging.
 - Implemented features like user join/leave alerts, message broadcasting, and **audio** notifications.
 - Designed a Node.js backend to manage concurrent user sessions and message routing.
 - Strengthened understanding of WebSockets, event-driven programming, and client-server communication.
- **MERN Book Review App – Full-Stack Web Application [Github](#)** **July 2025-May 2025**
Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Axios, React Router, Custom CSS
Developed a full-stack MERN application allowing users to register, log in, browse books, and write/edit/delete reviews with JWT-secured authentication. Built user dashboards for review history and implemented admin-only book management features (Add/Edit/Delete). Integrated protected routes, search and genre filters, and deployed the backend with MongoDB Atlas for scalable cloud storage.

EDUCATION

- **IIITDM kancheepuram** **Chennai, TamilNadu**
Bachelor of Technology in SME **June 2022– June 2026**