Ashwani Kumar Arya

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ABOUT ME

I'm a Computer Science undergraduate with a solid grasp of Java, Python, and C++, and a growing expertise in web development using the MERN stack. I enjoy building efficient, real-world solutions and have a strong interest in AI, software development, and database systems. I'm a quick learner who thrives on solving problems and continuously improving through hands-on practice.

SKILLS

Programming Languages: Java, Python, C++
Web Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
Tools & Platforms: Git, Firebase, VS Code, Postman
Database: MySQL, MongoDB
Languages: English, Hindi, Japanese

PROJECTS

FLARE- FULL STACK DELIVERY APP
- Developed a MERN stack application to deliver groceries, food, and sports items.
- Implemented user authentication, personalized product listings, shopping cart, and real-time order tracking.

TRENDMIND
- Built a web app for users to discover, compare, and download trending AI models.
- Features include user authentication, personalized onboarding, detailed model cards, and side-by-side performance metric comparisons.

NETWORK SCANNER
- Built a full-stack web app using MERN to scan local networks, identify active devices, detect open ports and detect OS.
- Implemented network scanning logic in the backend and created a responsive frontend to display results.

FFCS SLOT PLANNER
- Developed a web app using MERN for organizing academic schedules with a drag-and-drop interface.
- Features include real-time slot allocation, responsive design, and intuitive controls for managing classes, built using React and modern CSS.

CERTIFICATES

- **NPTEL** - INTRODUCTION TO MACHINE LEARNING
- **GOOGLE** - THE BITS AND BYTES OF COMPUTER NETWORKING
- **IBM** - CYBER SECURITY ANALYST
- **IAMNEO** - MERN STACK DEVELOPER

EDUCATION

VIT BHOPAL UNIVERSITY   Bhopal, Madhya Pradesh
Bachelor of Technology   Expected May 2027
Major in Computer Science and Engineering
Cumulative GPA: 8.67/10
Relevant Coursework: Data Structure and Algorithm, Database Management System, Operating System

BAL BHARATI PUBLIC SCHOOL   Ludhiana, Punjab
Class 12 Percentage: 91.2%   2023