ASHISH VERMA
MERN Stack — AI/ML Enthusiast
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Summary

Innovative **MERN Stack Developer** and **AI/ML enthusiast** with over **8+ months of hands-on experience** in full-stack web development. Skilled in **MERN stack, Python, and 3D web (Three.js, GSAP)** for building responsive web and mobile applications. Developed multiple AI-powered solutions like the **Potato Disease Recognizer** using **TensorFlow** and **FastAPI**. Created and deployed **10+ mini projects** across **Machine Learning, Deep Learning, and LangChain** ecosystems. Solved over **130+ DSA problems** across LeetCode and Code360 platforms, strengthening analytical and problem-solving skills.

Skills

Languages/Frameworks: JavaScript (ES6+), MERN, React Native, Python (ML/DL/NLP)
UI/Styling: Tailwind CSS, GSAP, Framer Motion, Figma
AI/ML Tools: Scikit-learn, TensorFlow, Pandas, Numpy, Matplotlib, Jupyter Notebook, FastAPI
3D/WebGL: Three.js
Databases/Platforms: MongoDB, SQL, Git

Education

B.Tech in Computer Science Engineering   **Sept 2022 – Present**
Accurate Institute of Management and Technology

Experience

MERN Stack Developer Intern   **Jun 2025 – Sept 2025**
Kaira IT Solutions
- Led a team on web/mobile projects, ensuring timely delivery.
- Built cross-platform apps with React Native and scalable backend APIs (Node.js, Express).
- Integrated IoT solutions and 3D visualizations for enhanced functionality.

Projects

Navambhaw Astrology Website — React, CSS — navambhaw.com   **2025**
- Developed a responsive astrology website with interactive UI components and smooth animations using GSAP.
- Enhanced loading time, improved **UI/UX smoothness**, and ensured full compatibility across devices.

Navambhaw Mobile App — React Native   **2025**
- Built a cross-platform mobile app linking mobile and web services with smooth UI transitions and responsive layouts.
- Delivered a **seamless UX experience**, ensuring full responsiveness and compatibility across Android and iOS devices.

Potato Disease Recognizer — TensorFlow, FastAPI, Python, Colab   **Oct 2025**
- Developed a CNN-based ML solution to detect diseases in potato plants achieving **96%+ accuracy**.
- Implemented backend APIs using FastAPI and deployed the trained model on Colab for real-time inference.

Heart Disease Prediction — Python, Scikit-learn, Jupyter   **Sept 2025**
- Developed a machine learning model to predict heart disease risk with **92% accuracy** using health data.
- Implemented model training, evaluation, and feature analysis in Jupyter Notebook.

Fitness Watch Data Analysis — Python, Scikit-learn, Jupyter   **Sept 2025**
- Analyzed fitness tracker data to classify physical activity and predict trends with **90%+ model accuracy**.
- Built ML models for real-time activity recognition and performance tracking.

Certifications & Training

- UI Design with AI – GUVI x HCL (2025): Mastered modern UI/UX principles with AI-assisted workflows.

- Developer Technology Job Simulation – Accenture (via Forage): Hands-on experience in full-stack development, debugging, and project planning.