AKSHIT SHARMA

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Portfolio: aksharma127

Summary

Passionate Front-End Developer adept in modern web technologies, cloud computing, and software engineering. Proven ability to create seamless, user-friendly, and scalable digital solutions focusing on performance and modular design.

Skills & Technologies

- **Languages:** Python, C++, Java
- **Web Development:** HTML, CSS, JavaScript, React.js, Bootstrap, UI/UX
- **Database & Cloud:** MySQL, IBM Cloud
- **Developer Tools:** Git, GitHub, VS Code, Render

Selected Projects

- **GeoSmart Advisor (ML + Web App)**
  - Intelligent location-based tool suggesting profitable business opportunities.
  - Analyzed demographic/geospatial data; integrated ML models for real-time insights.
  - *Tech Stack:* Python, Flask, Google Maps API, scikit-learn
- **Dream11 Team Predictor (ML Model with React UI)**
  - Predictive system for fantasy cricket teams using live and historical IPL data.
  - Implemented player performance/matchup algorithms; integrated with React dashboard.
  - *Tech Stack:* Python, pandas, scikit-learn, React
- **C++ Game Engine Suite (15+ Games)**
  - Developed numerous mini-games using a custom OpenGL-based 2D engine.
  - Implemented game physics, AI, real-time lighting, and particle effects.
  - *Tech Stack:* C++, OpenGL
- **Developer Portfolio Website (Full-Stack)**
  - Personal portfolio with dynamic project showcasing, forms, and animations.
  - Deployed via Firebase with SEO optimization and mobile-first design.
  - *Tech Stack:* React, Firebase, CSS Modules

Experience

- **Front-End Developer Intern** | Amazon Full Stack Training Program
  - Developed responsive UI components with HTML, CSS, and JavaScript.
  - Gained practical experience with React.js and modern UI/UX design.
- **Machine Learning Trainee** | IIITDM Jabalpur - Deep Learning Training
  - Built ML/DL models using Python and Julia, exploring neural networks and data preprocessing.
- **Cloud Developer Trainee** | IBM Cloud Training
  - Learned core cloud concepts and deployed scalable applications using cloud-based tools.