

AKSHIT SHARMA

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About Me

Passionate front-end developer with expertise in creating seamless, user-friendly, and scalable digital solutions. Adept in modern web technologies, cloud computing, and software engineering.

Skills & Technologies

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

Machine Learning / AI Projects

GeoSmart Advisor — ML + Web App

Tech Stack: Python, Flask, Google Maps API, scikit-learn

- An **intelligent location-based tool** i that suggests profitable business opportunities based on local market trends.
- Analyzed demographic and geospatial data from real-world APIs.
- Integrated ML models into a **web app** for real-time insights and decision-making.

Dream11 Team Predictor — ML Model with Real-Time Data

Tech Stack: Python, pandas, scikit-learn, React (UI)

- Built a predictive system to suggest Dream11 fantasy cricket teams using live and historical IPL data.
- Implemented player performance analysis and matchup prediction algorithms.
- Integrated the model with a React-based dashboard for visual team building.

Interactive UI Projects Hub — *UI/UX Front-End Developer*

Tech Stack: React, JavaScript, HTML5, CSS

- Created a series of interactive projects, including admin dashboards, animated portfolios, and form validation systems.
- Applied reusable component architecture and clean design patterns.
- Focused on state management and REST API integration.

C++ Game Engine Suite (15+ Games) — *Game Developer*

Tech Stack: C++, OpenGL

- Developed 15+ mini-games using a custom-built OpenGL-based 2D engine.
- Implemented game physics, AI behavior, real-time lighting, and particle effects.
- Prioritized performance, resource management, and modular code design.

Developer Portfolio Website — Full-Stack Developer

Tech Stack: React, Firebase, CSS Modules

- Built a personal portfolio with dynamic project showcasing, contact forms, and animations.
- Deployed via Firebase with SEO optimization and mobile-first design.
- Serves as a central hub for resume, GitHub links, and ongoing work.

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Experience

Machine Learning Trainee

IIITDM Jabalpur - Deep Learning Training

- Built ML/DL models using Python and Julia.
- Explored neural networks, data preprocessing, and model evaluation.

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.

Java Developer Trainee

Future Finders Program

- Built Java applications using OOP and design principles.
- Collaborated on live coding sessions and real-world challenges.

Robotics Workshop Participant

- Applied C++ and Python to automate hardware tasks.
- Designed and tested small robotic systems.

Cloud Developer Trainee

IBM Cloud Training

- Learned core cloud concepts and IBM Cloud services.
- Deployed scalable applications using cloud-based tools.

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More About Me

- Always exploring new technologies and learning something new.
- Team player with strong problem-solving skills.
- Open to opportunities in front-end development, software engineering, and cloud computing.