

Abhishek Saurabh

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Education

Guru Gobind Singh Indraprastha University, B.Tech in Computer Science and Engineering Nov 2022 – June 2026

Experience

Web Development Internship, IBM Skillbuild – Remote July 2024 – Aug 2024

- Developed a full-stack web application project, showcasing proficiency in front-end and back-end development.
- Implemented responsive designs using HTML, CSS, and JavaScript, ensuring compatibility across various devices.
- Integrated backend functionalities with databases to enable dynamic content management and improve user.

Projects

AI-Based Disease Prediction from Symptoms

- Built an ML web app using Random Forest to predict diseases from selected symptoms.
- Integrated with Streamlit UI and deployed using joblib and scikit-learn.

AI Camera Motion Detection

- Developed an AI-based camera system to detect and track human motion in real-time using OpenCV and computer vision techniques.
- Implemented person detection algorithms to accurately differentiate between humans and other moving objects, reducing false positives.
- Integrated event logging features to record motion instances with timestamps, enabling potential alert-based surveillance automation.

Real Time Location Tracking

- Developed a real-time location-sharing app using Node.js, Express.js, Socket.IO, and EJS, enabling seamless user interaction and location updates.
- Implemented WebSocket for bi directional communication, allowing instant location updates across connected users.
- Designed a user-friendly interface with EJS templates and deployed the application locally for real-time usage and testing(app).

Technical Skills

Programming Languages: Java, Python

Frontend: React.js, HTML, CSS, JavaScript, Tailwind CSS

Backend: Expressjs, Nodejs, Flask, FastAPI

Database: MongoDB, MySQL

Tools and Platforms: Git, GitHub, VS-Code, Google Cloud Platform(GCP)

AI/ML: Machine Learning, Deep Learning, NLP

Data Analysis Visualization: Pandas, NumPy, Matplotlib

Certifications: IBM Data Analysis with Python, CISCO NETWORKING ACADEMY Cybersecurity Essentials, Google Generative AI Fundamentals, IBM Python for Data Science, Machine Learning with Python –IBM SkillBuild