Akash Prajapat

Roll No.: 2022UCP1646
Bachelor of Technology
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GitHub Profile
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GFG LeetCode Portfolio

Education

•Malaviya National Institute of Technology, Jaipur *2022-2026*
Bachelor of Technology and Computer Science and Engineering CGPA: 7.25

•Govt. Senior Secondary school , Dadabari Kota *2021*
Rajasthan Board of Secondary Education Percentage: 97.41

•Govt. Senior Secondary school ,Mahaveer nagar III Kota *2019*
Rajasthan Board of Secondary Education Percentage: 94.33

Internship and Projects

•Mini Airbnb (Source Code) *june-2024*
Developed a full-stack app with user auth, property listing CRUD, and map integration for location display.
- Developed a full-stack web application using Node.js, Express.js, and MongoDB for the backend, with EJS templating and Bootstrap, Html, CSS for the frontend.
- Implemented sign-up and login functionality with session management.
- Enabled users to create, update, delete, and view property listings.
- Integrated map functionality for displaying property locations and implemented user reviews.
- I have integrated stripe payment gateway method for the room booking in Hotel .

•Code Synchronization Application (Source Code) (Live Website) *September-2024*
Built a full-stack real-time code editor enabling seamless collaboration among multiple users via unique room IDs.
- Used Node.js, Express.js, Socket.io, React.js, CodeMirror Editor, Docker, WebRTC, WebSockets
- Live code synchronization across multiple files
- Real-time group chat and user presence indicators
- Syntax highlighting with auto language detection
- File/folder operations: create, edit, delete, download
- In-browser code execution with multi-language support
- AI-powered Copilot for smart code suggestions
- Collaborative whiteboard and personalized themes

•Malware Detection (Source Code) *march-2025*
Built a malware detection system using Logistic Regression, Random Forest, and Neural Networks.
- Used Python, Pandas, NumPy, Scikit-learn, Matplotlib, Keras.
- Developed a malware classification system using Logistic Regression, Random Forest, and Neural Networks..
- Evaluated all models with confusion matrix, F1-score, and accuracy metrics..
- Implemented logistic regression from scratch with 0.975 percent test accuracy and 0.959 F1-score
- Trained and fine-tuned a Keras-based neural network, achieving 0.988 percent accuracy and 0.975 F1-score
- Built a machine learning model using Random Forest achieving 0.983 percent accuracy and 0.973 percent F1-score on test data

Technical Skills and Interests

Programming Languages: C/C++, Python (Basic)
Web Development: HTML/CSS/JavaScript, React.js, Node.js, MongoDB, Full Stack Development
Machine Learning: Numpy, Pandas, Matplotlib, Scikit-learn, and key ML algorithms
Core Concepts: Data Structures and Algorithms, OOPS, SQL, Operating Systems
Tools Software: Visual Studio
MS Office: MS Word

Extracurricular Activities

- Team member in organizing "Youth Fest 2023" at MNIT Jaipur
- Active member of the English Activity Club (EAC)
- Logistics member of the English Press Club
- Participated in Web Development Workshop by TECHNICHE, IIT Guwahati
- Volunteered in several institute-level cultural and technical events

Achievements

- Member of District Merit List (10th and 12th)
- Solved 800+ DSA problems on GeeksforGeeks and LeetCode
- Achieved 99.21 percentile in JEE Main 2022