ALFIN ABRAHAM

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EDUCATION

Master of Science in Computer Science, with Data Science Specialization Seattle, WA
Seattle University   *06/2024*
GPA: 3.275
Electives: Machine Learning, Visual Analytics, Artificial Intelligence

Bachelor of Technology - Computer Science and Engineering   *Indore (India)*
Medi-Caps University   *06/2022*
CGPA: 8.2

PROFESSIONAL EXPERIENCE

Undergraduate Student Intern   *Indore (India)*
Indian Institute of Technology, Indore   *01/2022 – 03/2022*

- Completed an online internship focused on AI/ML-powered weather prediction at the prestigious Indian Institute of Technology, Indore.

Web Development Intern   *Indore (India)*
Starnovation Private Limited   *06/2021 – 08/2021*

- Developed a user-friendly web application for a blood bank portal using Python, Django, HTML, CSS, JS, and SQLite.
- Collaborated with a 4 member team to create a platform connecting individuals needing blood transfusions with potential donors.
- Implemented a request page, streamlining the process by allowing users to enter information about their requirements, and their contact details and facilitating communication between donors and those in need.
- Employed effective communication, adaptability, and conflict-resolution skills to ensure seamless collaboration within the team and overcome challenges in the project development process.

ACADEMIC PROJECTS

Stormtroopers-Space Explorer

- Created an engaging and interactive website to educate children about the solar system.
- Implemented Scrumban methodology of agile manifesto to ensure continuous deployment.

Stroke-Prediction-Classification

- Applied Python for data preprocessing, visualization, and machine learning models.
- Developed and evaluated classification models using KNN, Decision Tree, and RF algorithms to predict stroke likelihood based on medical information.
- Identified crucial features (gender, age, diseases, smoking) for accurate predictions, ultimately determining KNN as the optimal algorithm for the problem statement.

Online Examination Portal

- Designed and developed an Online Examination Portal using Python, Django, HTML, CSS, and JavaScript.
- Incorporated audio and video monitoring to detect cheating during exams, triggering automatic email alerts to professors.

SKILLS

- Python, HTML5, CSS, SQL
- Data visualization, Machine learning, DSA
- Visual Studio Code, Tableau, MySQL Workbench, Google Colab, Jupyter Notebooks
- Communication, Adaptability, Leadership, Agile, Emotional Intelligence, Conflict Resolution