

## Zainab Haider

Email-id : [zainab.hyder786gmail.com](mailto:zainab.hyder786gmail.com)

Mobile No.: 8218717034,

Github : <https://github.com/znnnnbb>

Portfolio: <https://zayynabb.netlify.app/>

### ACADEMIC DETAILS

Year	Degree/Exam	Institute	CGPA/Marks(%)
2021 - 2025	B.TECH in Computer Science	Graphic Era University Dehradun	80%
2021	12th	The Doon Global School	92.68%
2019	10th	The Doon Global School	86.00 %

### PROJECTS

- **Smart Healthcare System for Disease Diagnosis Using Machine Learning:** Developed a machine learning model to analyze patient data and predict potential diseases based on symptoms, test results, and historical medical data. This system serve as a decision support tool for doctors and healthcare professionals, providing insights and early diagnosis for better treatment planning.
- **Whatsapp Chrome Extention:** Develop a Chrome extension in *MERN Stack* that enhanced the functionality whatsapp by offering the following features:
  - 1.Translate existing **Whatsapp** chats into preferred language.
  2. Allow users to type messages in his preferred language and send messages to contact in their language.
- **A Metadata-Driven Information Retrieval System:** Develop a chatbot capable of interacting with PDF files containing research papers
- **Talksphere** :Built real-time chatroom application with React, Material UI, and Django Rest Framework, featuring authentication, user profiles, and activity feed.
  - Developed mobile-responsive design for seamless user experience on all devices.
  - Enabled dynamic discussions and chats on various topics, fostering engaging interactions among users with search feature.
- **American Sign Language Detection** : Developed an sign language detection system which was trained by providing my personal dataset giving 94% accuracy.
- **Fake News Classifier** : Developed a fake news detection system giving 98% accuracy.
- **Business Management System** : Developed a fully responsive website for small businesses which contained all the functions necessary.
- **Spam Classifier** : Developed a SVM classifier for recognising if the mail is spam or not giving 98% accuracy.
- **Lung Cancer Detection using Convolutional Neural Network (CNN)** : Developed a lung cancer detection system giving 90% accuracy.

### INTERNSHIPS

- **Roinet Solutions Pvt. Ltd** SDE-I in Roinet Solutions. May 2022-September 2024.
  - Contribute to backend and frontend development using Java, Python, and JavaScript, while performing unit testing and bug fixing.
  - Orchestrated the migration of legacy applications to modern Laravel-based frameworks, resulting in a reduction 30% in maintenance costs. Worked in a team of 5 developers in creating scalable, open-source tools for the healthcare industry, enhancing system efficiency by 25%
  - Integrate RESTful APIs, manage databases, and ensure seamless data flow between system components.
  - Use Git for version control, participate in code reviews, and support Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins or similar tools.
- **Completed 6 months training at INFOSYS Mysore in Augmented and Virtual Reality**

- **iTechnoLabs** Mern Stack Developer at itechnolabs(November 24- till date).
  - Developed, tested, and deployed high-quality mobile-first web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
  - Collaborated with designers and other developers to translate UI/UX designs into functional features.
  - Created and managed RESTful APIs for data exchange between frontend and backend.

#### TECHNICAL SKILLS

- **Languages** Python (proficient), Javascript (proficient), C (proficient), C++ (proficient),HTML, SQL, PHP (proficient), Java.
- **Tools and Frameworks:** Tailwind, Bootstrap, SprinBoot,Microservices,REST, Flutter, Google Cloud Platform,APIs React, React Native, ExpressJs, NodeJs, Django, jQuery, angular, angular.js
- **Databases:** Azure, SQL Database, MySQL, MongoDB,Realm, WatermelonDB
- **Machine Learning Tools** Tensorflow, Keras, scikit-learn.

#### SCHOLASTIC ACHIEVEMENTS

- **Hackathon-** Participated in an intra-university 24hr hackathon, and developed a fully responsive web-site.
- **Postman API Fundamental Student Expert Cetificate-** Completed postman API fundamental student expert training of 2 days (8 jan 2024-9 jan 2024).
- **Online course- Full Stack Web Development** Completed online course from Udemy.

#### RELEVANT COURSES

- **Lean Six Sigma RPA Dynamics**-accredited by HRD,UAE
- **AWS Academy Graduate - AWS Academy Introduction to Cloud Semester II**
- **Google Cloud Computing Foundation Program**
- **Introduction to Web Development**
- **Introduction to Packet Tracer Course by Cisco Networking Academy**
- **Networking Essentials course by Cisco Networking Academy**
- **Introduction to Generative AI**