

Mohammed Taha Hasan

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE 2020 - Present

Integrated M. Tech Software Engineering | CGPA – 8.03

Relevant Coursework from University:

- Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Database Management system, Computer Networks, Software Engineering, Software Testing, Agile Methodologies.

ISLAMIAH HIGHER SECONDARY SCHOOL 2013-2020

Class XII | SCORE – 86.166 %

Class X | SCORE – 87.4 %

SKILLS

- **Programming Languages:** Java, Python, C++
- **Web Technologies and Frameworks:** HTML, CSS, JavaScript, ReactJS, Bootstrap, Spring Boot (Java)
- **Databases and Cloud Platforms:** SQL, MongoDB, AWS, Firebase
- **Tools:** Android Studio, Docker, Google Colab, Git, Nmap, Wireshark, Figma, Odoo, JIRA, Postman, JMeter, TestComplete
- **Languages:** Urdu (native), English (fluent), Tamil (fluent), Hindi (fluent), French (novice)
- **Soft skills:** Adaptability, Teamwork, Problem Solving, Leadership, Time Management

PROJECTS

Kart x – an Ecommerce App | Java, Android Studio, Firebase, RazorPay

- Developed an Ecommerce application using Java as the primary language within the Android Studio environment. Employed Firebase for robust data storage, retrieval, and user authentication functionalities. Integrated RazorPay for secure payment processing.

File Repository Web Application | Java Spring Boot, AWS S3, Docker, Postman

- Designed and developed a file repository web application leveraging AWS S3 for storage and retrieval capabilities, implemented using Spring Boot framework. This project showcases proficiency in integrating cloud storage services with backend applications and building scalable and secure file management systems.

Voice Assistant News App | ReactJS, Alan AI

- Developed a React based news web application that leverages the newsApi.org API to fetch real-time news articles with integrated Alan AI voice assistant functionality, enabling users to voice queries for news articles and receive comprehensive results directly within the application interface.

Medical ChatBot | Python

- Created a medical chatbot using transformer-based Readers and IR methods, evaluating algorithms like TF-IDF and cosine similarity. Integrated SQuAD for better question-answering and leveraged external resources for accuracy. Conducted ML classifier evaluations for disease detection and information dissemination during health crises.

Anime Recommendation System | Python

- Employed a combination of machine learning and data mining techniques to suggest anime titles to users based on their viewing history and preferences.

EXPERIENCE

Industrial Intern (Remote) – SMART INTERNZ

05 / 2023 – 07 / 2023

Modern Application Development (Java Spring Boot) Externship ([Certificate](#))

- Participated in a comprehensive training program guided by Smart Internz in Modern Application Development.
- Developed a "Food Ordering System" using Java Spring Boot for backend functionality, enabling CRUD operations for food and restaurant data stored in a MySQL database. Implemented a responsive frontend using Bootstrap.

CERTIFICATIONS

- Google Cloud Computing Foundation (GCCF) – Google - [Certificate](#)

EXTRACURRICULAR

Service to the Society 2021 – 2022

NSS Surveyor

At VIT's Service to the Society, I participated in National Service Scheme (NSS) Camp as a surveyor. Through extensive engagement with diverse communities in various villages, I refined my communication and interpersonal skills while collecting pertinent societal data.