

# HANAN AHAMED

COMPUTER ENGINEER | UNDERGRADUATE

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## SUMMARY

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I am a passionate third year Computer Engineering undergraduate from Faculty of Engineering, University of Ruhuna, Sri Lanka with a strong interest in Computer Science. I am constantly seeking opportunities to enhance my knowledge in areas like Software Engineering, Web Development, Data Science and Artificial Intelligence. Possesses a strong work ethic and a positive attitude towards work. Able to work under pressure and prioritize tasks to meet deadlines.

## EDUCATION

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### BSc.Eng(Hons) in Computer Engineering

University of Ruhuna - (March 2021 – present)

GPA: **3.5** / 4.0 (Second Class Upper Div) (Reading)

### High School

Km/Ak/Addalaichenai M.M.V.(N/S) — *Advanced level*

## TECHNICAL SKILLS

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- **Programming:** Python • C++ • Java • Dart • Matlab
- **ML Libraries:** Numpy • Pandas • scikit-learn • Seaborn • TensorFlow • PyTorch
- **Databases:** MySQL • MongoDB • Neo4j • Firebase
- **Frontend and Backend:** HTML • CSS • JS • React.js • Figma
- **Mobile App Development:** • Flutter • Fire-base
- **Other Skills:** Git • Jira • Agile • Jenkins • Docker

## PROJECTS

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### Doctor Booking App by integrating ML models [↗](#)

Developed comprehensive doctor booking software with ML for disease prediction and doctor suggestions. Created a mobile app for medical records, medication reminders, and more. Responsibilities included UI/UX design, front-end development, and integrating tele-channeling platform.

### Age Prediction using Facial image [↗](#)

A Machine Learning Project using CNN to predict age using face images. It comprises with Deep Learning application in age detection.

### File Sharing App [↗](#)

Working on a file sharing application utilizing socket programming techniques in C++. Implemented a client-server architecture to facilitate seamless sharing of files over a network.

### Early Detection Breast Cancer Prediction using ML [↗](#)

Implemented ML algorithms, including logistic regression and decision tree models to predict breast cancer using Wisconsin Breast Cancer data set. Presented outcomes in a research paper with IESL standards.

## Realtime Chat Mobile Application

Built a mobile app for online chatting using Flutter and Firebase. Includes real time personal chats, basic signup and login features, profile settings and password recovery.

## Online Mentoring Platform

Created a web application for online mentoring using MERN stack. Included basic CRUD operations, simple SEO optimization, jwt authentication.

## Student Management System

Desktop UI using WPF. Includes CRUD operations with MVVM architecture using C#.

## CERTIFICATIONS

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- Certificate in Neural Networks and Deep Learning by Coursera
- Certificate in Google Cloud Big Data and ML Fundamentals Coursera
- Certificate in Introduction to Artificial Intelligence by ICE
- Certificate in Software Engineering by ICE Institute
- edx Verified Certificate for HTML5 and CSS Fundamentals

## VOLUNTEER EXPERIENCES

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### President, Addalaichenai Science Association 2023/24

Led a team of members in organizing and executing various events and initiatives. Developed and implemented strategies to achieve the association's goals and objectives.

### OC Member, IEEE ADAWWA 2021

Maintained Finance and logistics section in an event ADAWWA organized by IEEE, Student Branch of University of Ruhuna.

## HONOURS AND AWARDS

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### 2nd Runners up - HaXtreme 2.0 (2023)

*IEEE Student Branch - University of Ruhuna*

### Competitor at Huawei ICT competition 2023/24

*Huawei Cloud track, Shenzhen, China*

## NON RELATED REFEREES

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### Dr. Rajitha Udawalpola

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### Dr. Kushan Sudheera

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