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Mohamed Asam

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I am a passionate third-year computer engineering student from the University of Ruhuna with a strong interest and knowledge in computer science. As an aspiring software Development, I am constantly seeking opportunities to enhance my knowledge and skills in areas like software development, data science, and artificial intelligence. I have been exposed to a wide range of programming languages such as java, python, C#. In web development, I have worked on MERN, Spring boot, Django and have gained hands-on experience through various projects and coding challenges. *I'm interested in contributing to your company's ongoing research and product development.*

EDUCATION

University of Ruhuna (Sri Lanka)

Mar 2021 - Sep 2025(anticipated)

BSc.(Second Class Upper Honors) in Computer engineering

GPA: 3.68/4.0.

SKILLS

Web development	MERN, Nextjs, Springboot, Django, HTML, CSS, JavaScript, Docker
Machine Learning	TensorFlow, nltk, scikitlearn, NumPy, Pandas, seaborn.
mobile development	Flutter
Programming	Python, Java, C++, C#
Other	Git, AWS, Agile, Leetcode , Hackerrank ,
Soft skills	Communication, presentation, teaching, teamwork & leadership

PROJECTS

- Doctor booking app by integrating Machine learning models (Ongoing).
 - *This is the 4 credit module project to demonstrate the software development and machine learning knowledge that was thought so far. This is a big project having four members. In this project we are going to integrate more ml related tools. To develop this application, we chose **MERN stack**, **Spring boot**, **Flutter** , **MongoDB**.*
- [Personal healthcare mobile app](#)
 - *This project initiated on 5th semester of mobile development module. This is a group project in which two members can be participated. I took the responsibility as a **full stack developer** for this project. **Springboot** was used to communicate from front end to database(**mongodb atlas**) through the various business logic. Technologies such **git desktop**, **cloud database**, **generative AI**, medical reminders, jwt authentication are used to increase the user experience.*
- [Portfolio website development project.](#)
 - *With a strong foundation in **Next.js**, **React.js**, and modern web development practices, I'm passionate about pushing the boundaries of what's possible on the web. This is my individual project using **nextjs**. And this website is hosted on **vercel** free domain.*
- [Online machine learning practice website.](#)
 - *Employing **Agile** methodology with scrum allowed me to deliver this project efficiently and iteratively. This project represents a crucial step in my education and an opportunity to apply web development skills in 4th semester. It's been an incredible learning experience. each sprint has 1–2 week duration. This project is done using **MERN stack**, **Ace code editor**, **tailwind CSS** and **framer motion**. User can practice machine learning related questions using python. This website is hosted on **vercel** as well.*

SOME OTHER PROJECT

- [Bank transaction pdf generation node server.](#)
- [WPF point of sale system.](#)
- [Django little lemon booking app.](#)
- [WPF single page user management application.](#)
- [Student management system using C++ to demonstrate data structures\(basic\).](#)

AWARDS

- [Haxtreme 2.0 coding competition 2nd runner up \(2023 oct\)](#)
 - This is one of famous coding competition conducted by the computer society of Ruhuna. More details I have put on this link.

RESEARCH PAPER

- [Sentimental analysis using SVM and KNN\(supervised learning\)](#)
 - *This project is used to find the sentiments from the user input. For example, A user who buys a product from one particular website is trying to give the comment as "THIS IS A GOOD PRODUCT". If 10000+ users give the comment, it is hard to find whether this is good or bad by reading. But using our algorithm it will be very easy to find whether this is good or bad.*

RELEVANT CERTIFICATION

- **Cloud computing** 
 - [DevOps on AWS: Operate and Monitor](#)
 - [DevOps on AWS: Release and Deploy](#)
 - [AWS Cloud Technical Essentials](#)
 - [Introduction to cloud computing](#)
- **Web Development** 
 - [Full-Stack Developer with Django\(meta\)](#)
 - [Server-Side Programming](#)
 - [Front-End Web Development](#)
 - [React](#)
 - [The Advanced Web Development](#)
 - [React frontend developer \(Hacker rank\)](#)
- **Machine Learning.** 
 - [AI/Machine Learning Stage One](#)
 - [AI/Machine Learning Stage two](#)
 - [Introduction to Artificial Intelligence](#)
- **SQL** 
 - [HackerRank SQL \(Intermediate\)](#)
- **Problem Solving** 
 - [Software engineering role certification \(hacker rank\)](#)
 - [Python Programming](#)
 - [Problem Solving\(intermediate\)](#)
 - [Python](#)
 - [Java](#)
- **Git** 
 - [Introduction to Git and GitHub](#)

VOLUNTEERING

[Electricity for Rual Houses & Energy Awareness Workshop for School Students \(2017\)](#), collaborating with local & international volunteers. Raised funding, organized wiring program for rural houses in Sri Lanka.

WEBINARS & TALKS

- "Web Development Best Practices" - Webinar, July 2023
- "Machine Learning Applications in Real-World Scenarios" - Online Talk, June 2023
- "Front-End Development Trends" - Online Talk, April 2023