# MOHAMED ASAM

I am a passionate third-year computer engineering undergraduate from the University of Ruhuna with a strong interest and knowledge in software development and Architecture.I'm interested in contributing to your company's ongoing research and product development.

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## PROJECT

### Doctor booking app by integrating Machine learning models
**Healthy!**

📅 November 2023 – Ongoing

- As the Full Stack Developer within a four-member team, led the development of this project aimed at showcasing proficiency in software development and integrating machine learning tools.
- **STACKS - MongoDB, Express.js, React.js, Node.js, Spring Boot, Flutter, Prisma, and Gemini Google API, Django, other CDN, AWS**

### Personal healthcare mobile app
**HealthHub**

📅 Oct 2023 – Feb 2024

- As the lead Full Stack Developer in a collaborative project, I spearheaded the development effort aimed at leveraging advanced technologies to enhance user experience.
- **STACKS - Spring Boot, Flutter, MongoDB Atlas, Django and other CDN.**

### Portfolio website development project.
**asam.vercel.app**

📅 Oct 2023 – jan 2024

- With a robust proficiency in Next.js, React.js, and contemporary web development methodologies, I am dedicated to exploring the frontiers of web technology. My individual project.
- **STACKS - Nextjs, tailwind, framer motion, vercel, SSR, CI/CD.**

### Online machine learning practice website.
**Coding practice Website**

📅 May 2023 – Sep 2023

- 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.
- **STACKS - Reactjs, tailwind, framer motion, vercel, Ace code Editor, Python ML libraries, CI/CD.**
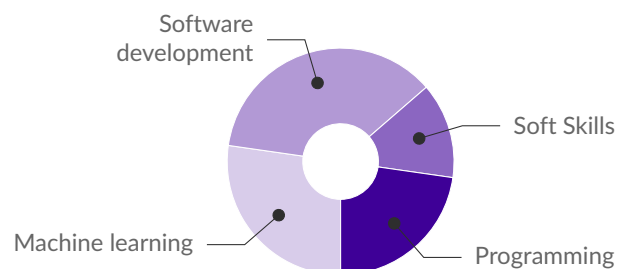
## EDUCATION

### B.Sc Honors in Computer Engneering
**Ruhuna university**

📅 March 2021 – Continuing

- **GPA-3.75/4.0**

## SKILLS

- **Web Development:** React.js, Next.js, Spring Boot, Django, Expess.js, MYSQL, MongoDB,
- **Machine Learning:** TensorFlow, NLTK, scikit-learn, NumPy, Pandas, Seaborn, Transformers
- **Mobile Development:** Flutter
- **Programming:** Python, Java, C++, C#, Dart, Latex
- **Other:** Git, AWS(Ec2, S3), Agile, Docker, WPF
- **Soft Skills:** Communication, Presentation, Teamwork, Leadership



## ACHIVEMENTS

### Haxtreme 2.0 coding competition 2nd runner up (2023 oct)

- secured the Second Runner-Up position in HaXtreme 2.0 organized by IEEE Student Branch at the University of Ruhuna. Out of 70+ talented teams, this accomplishment truly means a lot to us.

## RESEARCH PAPER

### Sentimental analysis using SVM and KNN

- This project aims to automate sentiment analysis of user-generated text data, facilitating efficient interpretation of sentiments expressed towards a particular product or service. By employing advanced machine learning techniques, the system provides a scalable solution to process large volumes of user feedback, distinguishing between positive, negative, and neutral sentiments.

# CERTIFICATION

**Web Development** ●●●●◐

- *Full-Stack Developer with Django (meta)*
- *Server-Side Programming*
- *Front-End Web Development*
- *React*
- *The Advanced Web Development*
- *React Frontend Developer (HackerRank)*

**Cloud Computing** ●●●○○

- *DevOps on AWS: Operate and Monitor*
- *DevOps on AWS: Release and Deploy*
- *AWS Cloud Technical Essentials*
- *Introduction to Cloud Computing*

**Machine Learning** ●●●●○

- *AI/Machine Learning Stage One*
- *AI/Machine Learning Stage Two*
- *Introduction to Artificial Intelligence*
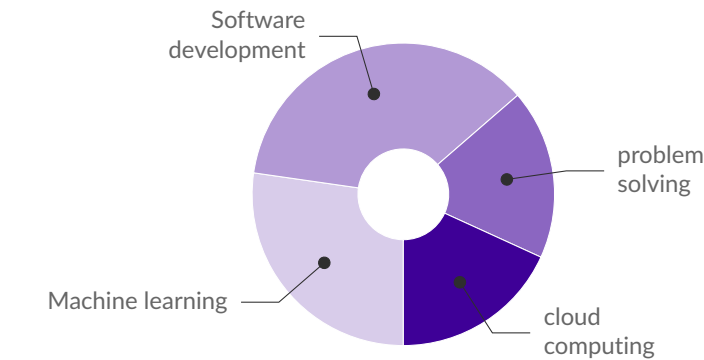- *Neural Network and Deep Learning*

**Version Control** ●●●○○

- *Introduction to Git and GitHub*

**Problem Solving** ●●●●○

- *Software Engineering Role Certification (HackerRank)*
- *Python Programming*
- *Problem Solving (Intermediate)*
- *Python*
- *Java*

**SQL** ●●●○○

- *HackerRank SQL (Intermediate)*



- Software development
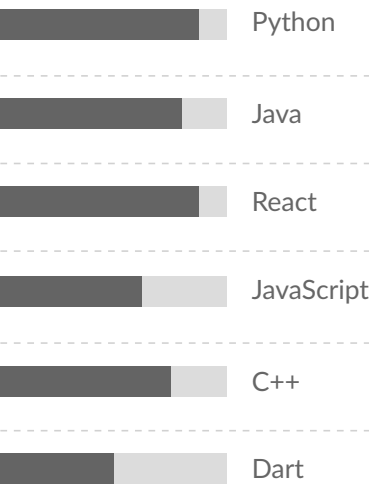- problem solving
- Machine learning
- cloud computing

# WEBINARS & TALKS

- "Web Development Best Practices" - Webinar, July 2023

# STRENGTHS

Quick learner

Team player

Problem solver

Software Development

Debugging

Collaboration

# LANGUAGES

Python

Java

React

JavaScript

C++

Dart

# REFEREES

**Dr. P. D. C. Perera**
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