Ahamed Minhaj
Computer Engineering Undergraduate

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Profile

I am a passionate and driven third year Computer Engineering undergraduate at the Faculty of Engineering, University of Ruhuna, with a keen interest in software engineering. An enthusiastic and self-motivated individual who is determined, hardworking and quick learner who can absorb new ideas. Well organized and an excellent team player with the ability to work proactively in a busy working environment.I'm actively seeking career advancement opportunities in software engineering and web development with a company that values continuous learning and growth.

Education

BSc (Hons) in Computer Engineering   *Faculty of Engineering, University of Ruhuna*   *2021 - present*
OGPA - 3.17

Secondary School   *Kattankudy Central Collage*   *2015 - 2017*
General Advance level : - A 2B (2019)

Experience

Document Specialist   *RR Donnelley Outsource (Pvt) Ltd*   *2019 Dec - 2020 May*

Team Member for Responsible for creating, editing, and formatting of documents primarily in associated software of RRD and Microsoft Office, with a focus on MS-PowerPoint. Ensure timely delivery of the product that is defect-free and has consistency in formatting and layout.

Projects

⌨ Motorbike Service Reservation System with Mobile Application

- Played Project Manager and Lead Engineer of the project. I was fully responsible for the backend.
- Developed a web application for a Motorbike reservation system facilitating bookings across multiple shops and Admin and Shop maintenance.
- The mobile application provides real-time updates about ongoing services for customers. Shop and Website managements
- Technologies: **ReactJs, Spring Boot, MySQL, Redux, Flutter, Firebase**.

⌨ Taxi Booking App

- Enables users to request and schedule rides via smartphones.
- Features include GPS tracking, fare estimation, and driver ratings.
- Gained experience in Mobile application development. and usage of google cloud API and Firebase
- Technologies: **Flutter, Firebase, Google Cloud API**.

⌨ Motorbike Renting and Selling Web Application - MERN

- Web application for renting and selling motorbikes.
- Gained knowledge in Web application development and usage of CRUD operations.
- Technologies: **React.js, Node.js, MongoDB, Express.js**.

⌨ Flower Recognition System

- End-to-end application to recognize flowers from images using CNN.
- Got the idea of Computer Vision, image processing using Artificial Intelligence.
- Technologies: **CNN, ReactJs, Flutter**.

Personal Medical Cost Prediction
- Predicts medical costs based on features such as age, sex, BMI, children, smoking status, and region.
- Developed using linear regression and decision tree algorithms. And got the experience of machine learning in real world applications.
- Technologies: **Decision Trees, Linear Regression**.

Patient Registration System
- Hospital management system handling doctor data, patient information, and pharmacy details.
- Allows addition and updating of doctor profiles, patient records, and pharmacy inventory.
- Technologies: **C#, XAML, WPF, MVVM architecture, SQLite**.

Skills

- **Programming Languages :** C, C++, C#, Python, Java, JavaScript, Dart
- **Web Development :** Spring Boot, React JS, Node JS, MySQL, MongoDB, HTML, CSS
- **Deep Learning :** CNN, RNN, LSTM
- **Machine Learning :** Numpy, Scikit-Learn, Pandas, TensorFlow, Seaborn, Keras, Theano, Pytorch, Matplotlib
- **Mobile App Development** : Flutter, Kotlin, Google Firebase, Cloud API
- **Version Control :** Git
- **Project Management:** Jira, Agile Methodology
- **IDE & TOOLS :** VS Code, Visual Studio, IntelliJ, Android Studio, Eclipse, Figma, Visual Paradigm, Postman
- **Soft Skills :** Teamwork, Leadership, Communication, Presentation, Problem Solving

Interests

- **Software Development**
- **Web Development**
- **Mobile App Development**
- **Machine Learning**

Online Courses & Certifications

- Getting Started with Git and GitHub - Coursera
- Python Basics - Coursera
- Introduction to Machine Learning - Coursera
- Introduction to Artificial Intelligence (AI) - Coursera
- Data Structures & Backend with Java- Coursera

Reference

Dr. Chatura Seneviratne
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Dr. Rajitha Udawalpola
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