JATHUSAN UTHAYARAJ

 Jathusan19 | Jathusan Uthayaraj |
✉ jathurajan@gmail.com | 📱 +94767625415

SUMMARY

Enthusiastic and attentive Computer Engineering undergraduate eager to embark on a challenging internship opportunity.Expertise in software development tools such as MERN stack,React Native,flutter and java Spring Boot technologies.Possessing a solid foundation with technical skills,I am keen on applying my knowledge to seeking modern solutions.

EDUCATION

2021 - present	Bsc Eng (Computer Engineering) at **University of Ruhuna**	(GPA: 3.28/4.0)
2017 - 2019	**V/Vavuniya Tamil MMV** (A/L s)	(A2B)
2011 - 2016	**V/Vavuniya Tamil MMV** (6 to O/L s)	(9A)

VOLUNTEERING EXPERIENCE

Senior Head prefect   Aug 2018 - Aug 2019

I had the privilege to be my school's Head prefect at my Advanced Levels time.I had practiced leadership,personality development and teamwork during that period.

Assistant Secretary   Apr 2022 - Apr 2023

I served as the Assistant Secretary of the All University Students Development Association Vavuniya District (AUSDAV), which is a non profitable voluntary organization.We have done social related projects and conducted seminars and model exams for Advanced level students in the district.

IEEE commitee member   Apr 2023 - Sep 2023

I functioned as the organizing committee member of the university's IEEE Computer Society.I worked as the public Relations team member in the event AXIOM which was a three day workshop series on python programming.

PROJECTS

Blissify   Individual Project

Developed Blissify, a Music Player app using Flutter and Firebase interaction. Implemented features for music playback, playlist management, and user authentication using Flutter's rich UI components and Firebase's real-time database capabilities. Ensured a seamless user experience and data synchronization across devices through Firebase integration.Made as Compatible cross functioning app which can run on both iOS and Android platforms.

Online Job Portal Website   Group Project

We developed an Online Job Portal Website using the MERN stack as my third year software group project.Implemented key features such as user authentication, job listing and search functionalities, employer profiles, and application management. Designed and developed the frontend using React for a modern and responsive user interface. Utilized Node.js and Express.js for backend API development and MongoDB for data storage and management.I have played the key role of full stack developer in my team.

Airline Price Predictor Group Project

I have Collaborated on a Group Project focused on predicting airline prices using Machine Learning regression algorithms. Collected and processed the dataset from kaggle website to train predictive models.Implemented regression algorithms such as Linear Regression and Decision Trees to analyze historical pricing trends and forecast future flight ticket prices accurately.Evaluated model performance and fine tuned algorithms to achieve optimal predictions.

Student Management System Individual Project

My first undergraduate project based on WPF framework showcases my Proficiency in developing desktop applications developed by WPF,.NET C#, and Entity Framework. Skilled in implementing robust CRUD operations for student management systems. Demonstrated ability to design and develop user-friendly interfaces. Passionate about utilizing innovative solutions to streamline processes and enhance user experiences.

LANGUAGES

English	Professional
Tamil	Native
Sinhala	Elementary

SKILLS

Programming	C++,Java,JavaScript,HTML,CSS,Python, Dart,C#,Matlab
Web Development	MERN stack, Springboot
Mobile app development	Flutter,React Native
Database Management	MongoDB, Firebase,MySQL
UI/UX Design	Figma,Adobe XD
Machine Learning	Python ,TensorFlow
Cloud Computing	AWS , Azure
DevOps	Docker,Kubernetes,Jenkins
Networking	Cisco Packet Tracer
Version Control	Git,GitHub

REFERENCE

Dr. Chatura Seneviratne
Senior Lecturer,Faculty of Engineering, University of Ruhuna
(PhD (Calgary, Canada),
MEng. (AIT, Thailand),
BScEng (Hons) (Ruhuna)
Phone: +94912245765-6 (3221)
Email: chatura@eie.ruh.ac.lk

Dr. Rajitha Udawalpola
Head, Senior Lecturer,Faculty of Engineering, University of Ruhuna
PhD (Uppsala, Sweden),
BScEng (Hons) (Peradeniya)
Phone: +94 718 578608
Email: rajitha@eie.ruh.ac.lk