SEEFA BANU

IT UNDERGRADUATE

+94 (78) 346 9882
seefabanugafoor@gmail.com
linkedin.com/in/seefa-banu
medium.com/@seefabanu
github.com/seefaBanu

PROFILE

As a passionate undergraduate at the University of Moratuwa, I am driven by a passion for developing innovative solutions that improve everyday life. With a collaborative leadership approach, I excel in dynamic team environments and actively pursue opportunities for learning and growth. Eager to begin my career as a software engineer, I am excited to contribute to the ever-evolving IT industry.

WORK EXPERIENCE

Software Engineering Intern   Jan 2024- July 2024

WSO2 - Colombo , Sri Lanka

- Developed service-level (M2M) scope support for Choreo STS by researching existing IAM solutions to identify the most effective approach.
- Used advanced technologies such as Java, Ballerina, MS SQL, React, Docker, and GitHub.
- Contributed to the design and implementation of features, as well as testing, debugging, and optimizing software for performance and reliability.
- Strengthened expertise in collaboration, agile development, and enterprise software lifecycle management within a dynamic and supportive work environment.

Frontend Developer Trainee   July 2023- Nov 2023

Zynovatex - Colombo, Sri Lanka

- Coded using React Js to develop features for both mobile and desktop platforms.
- Utilized version control systems such as Git to track changes throughout the development process.
- Crafted SEO strategy and intuitive interface for site to achieve prominent rankings across top browser platforms.

EDUCATION

BSc (Hons) in Information Technology | University of Moratuwa | 2021 - Present
CGPA - **3.76**
Dean's List in L1S1 , L1S2 , L2S1

G.C.E. Advanced Level | Ak/Muslim Centre College
2016 - 2019
Biological Science Stream . Results : ABC

G.C.E. Ordinary Level | Ak/Fayiza Maha Vidyalaya
2005 - 2015
Results : 9A's

TECHNICAL SKILLS

- Programming Languages : **Java , C, Ballerina, Go, Python**
- Web Development : **React Js, Spring , Firebase, Node Js, Java Script, Type Script, Next Js, Tailwind CSS, XML**
- IAM Solutions : **Auth0, Microsoft Entra ID, Asgardeo**

- Database : **MySQL, MsSQL, MongoDb**
- Mobile Development : **React Native**
- Testing : **Cucumber , Selenium , RestAssured, TestNg**
- Tools : **GitHub , Unity , Blender , Jira , Packet Tracer**

PROJECTS

AI Generated Code Detection (Ongoing) : Final Year Research Project on ChatGPT-Generated Python and Java Code Using a Fully Transformer-Based Model. I have created a dataset called DetectCode, which contains 70,000 annotated code snippets for this research. The study involves preprocessing, model training, and classification to distinguish between AI-generated and human-written code.

Role : Team Leader , Researcher, Full Stack Developer

`Code T5+, NLP, Python, FireBase`

PROJECTS CONTD.

Support Service Level Scopes for Choreo STS : Designed and developed a feature to enable application authorization using the client credentials flow in WSO2 Choreo Secure Token Service (STS). Implemented role-to-application mapping using Ballerina, enhanced the client credentials flow to support application-level authorization, and developed a user-friendly UI using React.js for seamless interaction with this feature.
Role : Full Stack Developer, Researcher

> **Java, Ballerina , React Js , MSSQL**

DonorLoop : Web application designed to streamline blood donation by connecting donors and blood banks. It features secure authentication, real-time email notifications, and profile management. The platform also integrates machine learning-based forecasting to predict blood demand.
Role : Full Stack Developer

> **React Js, Springboot , Mysql , AWS, Asgardeo**

Smart access control system : Designed and developed a smart access control system to enhance security and access management in university labs and offices. Utilized the ESP32 module along with RFID technology and a solenoid lock for secure authentication. Additionally, developed a web-based platform where administrators can register students, manage lab scheduling for multiple batches, and track student access logs in real time.
Role : Full Stack Developer

> **C , React Vite Js, Fire Base**

BuyIT : Microservice-based project designed for seamless e-commerce operations. It includes key modules such as Inventory Management, Customer Management, Cart Management, Order Management, and Authentication to ensure a secure and efficient shopping experience.
Role : Backend End Developer

> **Springboot , Docker , spring security , Spring Cloud Gateway**

Tracko : A system to monitor all the employees performance , working in a agile sprint project. Using story points to measure the performance. This system has user management , Project management, report visualizations , Realtime Dashboard, Agile sprint board
Role : Team Leader , Full stack Developer

> **ReactJS, Springboot , MySql , JWT, Tailwind , Material Ui**

ACHIEVEMENTS

- **Finalist** - Devthon(2024) | Team Donor Loop - Organised by Sri Lanka Technological Campus Leos
- **Top 10** - Idealize (2024) | Team Trio Bits - Organised by Aisec University of Moratuwa
- **Top 20** - Inspiher (2022) | Team Techy trio - Organised by WIE Sri Lanka Technological Campus
- CodeRush(2022) - Participant | Team Coding comp. - Organised by INTECS UOM

CERTIFICATIONS

- Java Script,Bootstrap& PHP - Udemy
- Web Design For Beginner - UOM
- Data Science Basics - IBM
- Introduction to JUnit - Great Learning

SOFT SKILLS

Leadership | Volunteering | Crisis management | Analytical thinking | Solution oriented | Flexibility | Communication Public speaking Event & Time Management

VOLUNTEERING EXPERIENCE

- IEEE WIE Affinity Group : Web Master | Director of Design & Publicity | Chair Person - Futuro 2.0 | OC - Festx
- IESEC in CS : B2B Manager | Design Specialist | OCVP Marketing - Markit | SalesTeam member
- Rotaract Club UOM : OC - Maestro | OC - EL Talento | OC - DataStorm 3.0
- Vice President : Undergraduates Association Akkaraipattu
- Chief Media Coordinator : All University Muslim Students Association
- Company Coordinator : Level2 Project (UOM B20)

NON RELATED REFREES

Dr. (Ms.) G. Upeksha Ganegoda
Senior Lecturer
Faculty of Information Technology, UOM
+94 (71) 996 8294
upekshag@uom.lk

Asitha Bandara
Technical Lead
Creative Software, No 413, Col 03
+94 (77) 785 6661
asitha@creativesoftware.com