



# ZINA YOUHAN

Final Year Undergraduate at University of Kelaniya, Sri Lanka | Ericsson Innovation Award Global Winner (2<sup>nd</sup> Place)

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in [Zina-Youhan](#)

M [Zina-Youhan](#)

🌐 <https://github.com/zeenayouhan>

📍 No 167/3c, Keppetipola Road, Badulla, Sri Lanka

## WORK EXPERIENCE

### Software Engineer Intern

Integration Team, WSO2 Lanka (Pvt.) Ltd.

📅 Oct 2020 – April 2021 📍 Colombo 03, Sri Lanka

Worked on implementation on accelerator for open banking compliance

Technologies: WSO2 API Manager | WSO2 Streaming Integrator | Git | Java

## EDUCATION

### B.Sc. (Hons.) in Software Engineering

University of Kelaniya

📅 2018 – present 📍 Kelaniya, Sri Lanka

Domains: Data Science | Web and Mobile Development

CGPA – 3.86/4.00

### Physical Science (2016 A/L)

Central College, Badulla

📅 2013-2016 📍 Badulla, Sri Lanka

Mathematics A | Chemistry A | Physics C | English B | General IT A

## TECHNICAL SKILLS

- **Languages & Frameworks:** Java, JavaScript, Html, CSS, Dart, Flutter, Reactjs, Nodejs, php
- **DevOps Capabilities:** Linux, AWS, GCP, Kubernetes & Docker
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Postman
- **Operating Systems:** Linux, Windows, MacOS
- **WSO2 Products:** API Manager, Streaming Integrator, Enterprise Integrator, Identity Access Management

## SOFT SKILLS

- Good Presentation Skills
- Leadership Skills
- Strong Team Player
- Good Communication Skills
- Time Management
- Interpersonal Skills

## PROJECTS & RESEARCH

### Expertise Recognition | Academic – Individual

📅 April 2021- Present

“Expertise finder” is a mobile and web application that helps to recommend best expertise to the students according to their project and knowledge level. Currently doing a research on training machine learning model to build relationship between expertise data, student’s project data, and student’s knowledge level.

Technologies: Machine Learning | Python | React | React Native | Nodejs | Mongo dB

### Vehicle Breakdown Assistant Finder- FixMe | Academic– Team

📅 April 2020- Dec 2020

“FixMe” mobile application helps to find a mechanic or fuel station when a vehicle breakdown is happened. The chatbot will helps to fix small issues without help of a mechanic.

Technologies: Flutter | NestJs | Firebase

### Implementing Compliance Toolkit for OB Compliance Accelerator – WSO2 Integration Team

📅 Oct 2020 – Feb 2021

Implementing an executor to publish common attributes for UK, AU and Berlin specification in WSO2 Open Banking 3.0 data reporting.

Technologies: WSO2 API Manager | WSO2 Streaming Integrator | Java | GIT

### ElzianAgro – Non-Academic Team

📅 Oct 2020 – Dec 2020

Research on how weather data effect on pest diseases and trained a machine learning model using weather data , location and pest data and built web and mobile application that Identifies pest disease and notify the farmers earlier.

Technologies: React | Flutter | Firebase | Python

## ACHIEVEMENTS

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### Academic

- Dean List Enlisted: 2016/2017 Academic Year, University of Kelaniya
- University Colors Recipient- Carrom- Year 2018 & 2019, University of Kelaniya
- Quarter Finalist: Sri Lanka University Games 2019 -Carrom
- 2<sup>nd</sup> Runner Up: MoraSlam 2019 - Carrom organized by University of Moratuwa
- 2<sup>nd</sup> Runner Up: Grandslicers 2019 - Carrom organized by University of Open University
- 1<sup>st</sup> Runner Up: Grip to Grip 2019 – Carrom organized by University of Kelaniya

### Non-Academic

- Global 1<sup>st</sup> Runner Up: Ericsson Innovation Award 2020 organized by Ericsson Software Company, Sweden
- Finalist: Genu Youth Challenge – 2020 organized by UNDP, Sri Lanka
- 1<sup>st</sup> Runner Up Enterprise Integrator Category: WSO2 Rockstar organized by WSO2 Lanka (Pvt) Ltd.
- Participation: IEEE Xtreme Coding Competition 2019 organized by IEEE
- Finalist: IEEE Innovation Nation 2018 organized by IEEE Sri

## EXTRA CURRICULAR ACTIVITIES

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### Sports & Aesthetic

- Colors & Award Recipient and an active member of Vishaka Vidyalaya Badulla Carrom Team (National Level)
- All Island Winner 2009 – Carrom (School Level)
- 1<sup>st</sup> Runner Up 2007 – Dance (Provincial level)
- Aesthetic: Dance, Art (School Level)

### Leadership & Volunteering

- University Carrom Women's' Vice Captain (2020-2021)
- Volunteered at Disrupt Asia 2019
- University Student Ambassador at Facebook Developer Circles Colombo

## CERTIFICATIONS

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Build Your First Web Pages with HTML and CSS by Openclassrooms

Build Web Apps with ReactJs by Openclassrooms

Manage Your Code Project with Git & Github by Openclassrooms

Learn programming with Java by Openclassrooms

Train a Supervised Machine Learning Model by Openclassrooms

Introduction to python by DataCamp

Received a badge on completing fundamentals of WSO2 Identity Access Management

## SOCIETIES & CLUBS

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University Ambassador

Facebook Developer Circles, Colombo  
Jan 2020 – Dec 2020

Vice Secretary

IEEE Student Branch  
University of Kelaniya  
Jan 2019- Dec 2019

## LANGUAGES

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English



Sinhala



Tamil



## REFEREES

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Eng. Tiroshan Madushanka

B.Sc. Eng. Hons (University of Moratuwa, SL)  
Lecturer  
Software Engineering Teaching Unit  
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