# BALACHANDREN THINUSAN

## Associate Software Engineer

📞 +94768835990 | ✉ bthinusan@gmail.com | thinusan-portfolio.netlify.app
 github.com/Thinusan990 | in linkedin.com/in/thinusan-balachandren-b2138a331/

## ABOUT

Passionate software engineer with a drive for innovation and problem-solving.Eager to contribute impactful solutions to challenging projects. Ready to exceed expectations in a dynamic environment.

## EDUCATION

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|---|---|
| B.Sc (Hons) in Computer Science and Technology. | Uva Wellassa University of SriLanka |

## WORK EXPERIENCE

- Built scalable UI components for the user management system, ensuring consistency and easier future expansion.
- Debugged and tested rule engine done in TypeScript
- Created some attractive design for landing page of company portfolio in Expressjs

*Intern software engineer at axallant Tech React/TypeScript/Expressjs (05.04.2024-10.13.2024)*

- implemented Push notification using Fcm token.
- Designed Role based authentication in firebase
- Handled State management using provider
- Used restful APIs and 3rd party API's
- Experienced in mobile responsiveness
- Developed paymentgateway using flutter in-app purchase
- Changed our app to release mode from debug mode
- Built Admob screens and implemented token addition by watching ads
- Tracked the users realtime active in active status using real-time database
- Construct the share profile using deeplink

*Associate software engineer at Graycrop react/flutter/firebase (11.11.2024-present)*

## PROJECTS

Done a website for a restaurant with online food ordering.implemented some user levels as admin, delivery boy and users
- HTML | PHP | CSS | JavaScript | MySQL

*Online food ordering system for a restaurant (Group)*

Done a mobile application for an agricultural consultancy.Done it as User panel and Admin panel.
- Dart | Flutter | Firebase

*Mobile App for Agricultural Consultancy Shop (Group)*

I have built a sample website for a hospital in our province. I have used Email API to receive email
- HTML | PHP | CSS | JavaScript

*Website for a private hospital(Individual)*

I have done a website for a local mobile shop.

- HTML PHP|CSS Javascript

*Phone shop management (Individual)*

We have done a a research project in detecting Brain tumor with CNN, SVM and an own modified model named LeViT model.I have done that new model with the accuracy of 95
- Python Tensorflow Keras

*Brain Tumor Detection (Research)*

I have created my own portfolio which showcase my projects and my project details and the github details.
- React

*Portfolio*

## LANGUAGE SKILLS

- English: Fluent
- Tamil: Fluent
- Sinhala: Intermediate

## PERSONAL SKILLS

- Communication
- Time management
- Team work
- Self-motivated
- Self-learning
- Problem solving

## INTERESTED AREAS

- Software Engineering
- Web development
- Mobile application development
- Quality Assurance

## RELEVANT COURSEWORK

- Software Architecture
- Software Engineering
- Mobile Development
- Systems Level Programming
- Data Structures and Algorithms
- Machine Learning
- Software Quality Assurance
- Artificial Intelligence
- Computer Architecture
- Embedded systems
- Cloud computing

## NON-RELATED REFEREES

Lecturer Department of Computer Science and Informatics Faculty of Applied Science Uva Wellassa University of Sri Lanka.                                                 Ms. T. Rajeetha

- Phone: 0766242726
- Email: rajeetha@uwu.ac.lk

Associate Technical lead Sysco labs                                                                        Mr. J.Vithusan
- Phone: 0776492467
- Email: vithusan.jeganathan@sysco.com

## Declaration

I declare that the above particular information given by me are true and correct to the best of my knowledge.
B.Thinusan