SACHINDU KAVISHKA

UNDERGRADUATE

About Me

Computer Science & Technology undergraduate student at Uva Wellassa University with a passion for frontend & backend development. Proficient in React, Node.js, and Flutter. Eager to apply academic knowledge and practical skills to create impactful web & mobile experiences.

Contact

- **+94 76 431 4505**
- **Sachindu38@gmail.com**
- 447, Mahahunupitiya, Negombo.
- Linkedin
- GitHub
- portfolio - https://sachindukavishka.netlify.app/

Programming Skills

- **Node.js**
- **React**
- **Flutter**
- **Java**

Language

English 90%

Sinhala 90%

Experience

Staff Assistant
Negombo Municipal Council Engineering   **2020-2021**

Education

Uva Wellassa University   **2021-NOW**
Bachelor of Science in Computer Science &Technology.

Maris Stella College   **2007-2020**
Advance Level Physical Science (2020)

Information communication Technology	A
Combine Mathematics	B
Physics	S
General English	A

Ordinary Level (2017)

Nation Victory Campus   **2017**

Diploma in Information Technology	A
Diploma in English Language	A

References

Charith K
BBA in Finance Special (Honours) (Peradeniya)
Lecturer at Uva Wellassa University.
Phone: 070 111 0341
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Awantha Rajapaksha
BSc (Special) in Computer Engineering
Lecturer at Uva Wellassa University.
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Uthpala Rammuthupura
Technical Officer in Negombo Municipal Council.
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Technical Projects

Divisional Electronic Items Budget Management (Negombo Municipal Council)

This desktop application is designed to streamline the management of divisional budgets for electronic items within the Negombo Municipal Council.

- **Budget Management:** Create and manage divisional budgets for electronic items, ensuring transparency and adherence to financial guidelines.
- **Estimation Reports:** Generate comprehensive estimation reports detailing the electronics budgeted for each division. This facilitates informed decision-making during the allocation process.
- **Total Expenditure Reports:** Track and analyze overall spending on electronics across all divisions. Gain valuable insights into spending patterns and identify areas for potential optimization.
- **Technology:** Python, PHP, SQL
- **GitHub:** https://github.com/sachinduKavi/ES-System.git

Fuel Management System (Negombo Municipal Council)

In response to the past economic crisis in Sri Lanka, a fuel usage tracking system has been implemented by me for vehicles operated by the Negombo Municipal Council.

- **Monitor Fuel Consumption:** Closely track the amount of fuel consumed by municipal vehicles. This data can be used to identify areas for conservation and optimize fuel allocation.
- Generate comprehensive monthly reports that detail fuel consumption data for each vehicle and the entire fleet.
- **Technology**: Python, PHP, SQL
- **GitHub**: https://github.com/sachinduKavi/Fuel-Management-System.git

RIdeBuddy – Carpooling application

RideBuddy is a mobile application designed to revolutionize the way you travel in Negombo and beyond. Developed using Java and Android Studio, RideBuddy connects you with like-minded individuals.

- **Technology:** JAVA, PHP
- **GitHub:** https://github.com/sachinduKavi/RidebuddyCode.git

Employee Management system

This employee management system, built using Java and a Command-Line Interface (CLI), offers a powerful yet user-friendly solution for organizations of all sizes.

- **Technology:** JAVA, Node.js
- **GitHub:** https://github.com/sachinduKavi/Employee-Management-System-miniProject.git

Bouncy Ball – Mobile game

A mobile game built with Flutter with its stunning UI and addictive gameplay, players must navigate through obstacles by tapping to make the ball bounce.

Technology: Flutter

Linkedin: https://www.linkedin.com/posts/sachindukavishka7070_flutter-mobilegame-uiux-activity-7184806234892505089-ZnkC?utm_source=share&utm_medium=member_desktop

GitHub: https://github.com/sachinduKavi/bouncy-ball.git

GPA Calculator

Mobile application developed to support students' academic journeys. Our aim is to simplify the often-complex task of GPA calculation and management. This app provides a user-friendly solution that allows students to calculate and keep track of their GPA effortlessly.

- **Google Play Store:** https://play.google.com/store/apps/details?id=com.gpa.sk.calculator.gpa_calculator
- **LinkedIn:** https://www.linkedin.com/posts/sachindukavishka7070_happy-to-announce-the-new-app-released-on-activity-7195620718519177216-zQbc?utm_source=share&utm_medium=member_desktop
- **GitHub:** https://github.com/sachinduKavi/GPA_Calculator.git

QR Code Scanner

Flutter mobile application is built for scanning QR codes

- **GitHub:** https://github.com/sachinduKavi/PRODIGY_AD_05.git

To-Do-List

Flutter mobile application to manage your daily tasks.

- **GitHub:** https://github.com/sachinduKavi/PRODIGY_AD_02.git

Calculator

Flutter mobile calculator

- **GitHub:** https://github.com/sachinduKavi/PRODIGY_AD_01.git

Tik Tak Toe – Mobile Game

Tic Tak Toe mobile game developed using Flutter where 2 players can play and mark their score

- **GitHub:** https://github.com/sachinduKavi/PRODIGY_AD_04.git

Open Ledger – Fund Management System (Currently Working project)

The Treasury Management System is a web platform that enhances transparency in financial transactions, implementing a comprehensive solution centered around technology and accountability for all communities, companies, and societies of Sri Lanka in financial operations. It provides real-time visibility into transactions, budgets, and expenditures.

- **GitHub:** https://github.com/sachinduKavi/OpenLedger-webApp.git
- **Technology:** React, Node.js, SQL

Volunteering & Experience

- CST LAN challenge – 2022
- UVA Extreme 2024 Hackathon (Technical Lead)
- Free & open source community (Technical team)