VISHWA SAMPATH

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https://github.com/Ekdvs

http://ekdvs.github.io/Portfolio/

Idiriminikanda Polwaththahena Opanayaka, Sri Lanka

Gender   Male
Nationality   Sri Lankan
Languages   English | Sinhala

TECHNICAL SKILLS

- **Programming Languages:** C#, Java, Python, JavaScript, C
- **Web Development:** HTML, CSS, PHP, React, Spring Boot,
- **Database Management:** MySQL, MongoDB
- **Software Tools:** Android Studio, Visual Studio, IntelliJ, MS office
- **Scientific Skills:** Lab Techniques, Chemical Analysis, Research Methodologies, Leadership, Moderating at events, Management skills

CERTIFICATIONS & COURSES

- **Computer Programming** - DP Education IT Campus

PROFILE SUMMARY

A highly motivated and detail-oriented undergraduate student pursuing a Bachelor of Science in Physical Sciences in Sri Lanka, specializing in Chemistry and Computer Science. Passionate about applying analytical, problem-solving, and programming skills in scientific research and software development. Currently studying at DP Education IT Campus and a coding school to enhance technical expertise. Eager to gain hands-on experience and contribute to innovative projects.

EDUCATION

Bachelor of Science in Physical Sciences
University of Kelaniya Sri Lanka

- **Major Subjects:** Chemistry, Computer Science, pure mathematics

  Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management, Web Development, Android app development, Analytical Chemistry, Organic Chemistry, Environment Chemistry, Full-Stack Web Development, Software Engineering Principles, Mobile App Development (Android Studio, SQLite)

DP Education IT Campus & Coding School

- **Relevant Studies:**
  Sprite Lab, App Lab, Thunkable, Micro bit, Pictoblox

PROJECTS & RESEARCH

Travel Planning Website "The Ceylon Traveler"
Developed a full-stack web application using React, MongoDB, and Spring Boot. Implemented key features such as package booking, travel guide purchasing, and payment processing. Hosted the frontend on vercal.

Rent-a-Car Service Management System
Designed a Windows Forms application using C# and SQL. Implemented features for vehicle rentals, customer management, and return tracking.

Online Flower Selling Website
Designed a web application using HTML, CSS, JavaScript, and PHP. Used XAMPP Server for local development and database management. Implemented features for product listings, customer management, and order processing.

Taxi Car Service Management System
signed and developed a Windows-based application using Java and SQL. Conducted. Implemented features for vehicle rentals, customer management, and return tracking.

CHEMISTRY RESEARCH

- Studied reaction mechanisms and physical properties.
- Conducted laboratory synthesis and analysis of the chemical compound.
- Calculating the chromium concentration in a waste bottle

EXTRACURRICULAR ACTIVITIES

- Member of Mathematics Students´ Society University of Kelaniya
- Participation in Hackathons & Coding Competitions
- Attended Science Workshops and Chemistry Symposiums

REFERENCE

- **Prof.C.S.K. Rajapakse Senior Lecture,**
Faculty of Science, Kelaniye University of
Sri Lanka.
+9471 158 6929
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- **Dr.L.P.N.D.Premarathna Senior Lecturer**
and Head of the Maths Department, Faculty
of Science, Kelaniya University of Sri Lanka.
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- **Dr.Upeksha Perera Senior Lecturer**,
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