CHATHURA DEVINDA

Software Engineer - Mobile

📞 0771828084 | ✉ chathuradevinda.bc@gmail.com

⚙ Github | 📍 Nittambuwa, Sri Lanka

in LinkedIn | 🌐 www.chathuradevinda.com

PROFILE SUMMARY

I am an innovative mobile app developer with a passion for creating user-friendly, efficient, and visually appealing solutions. I have honed my expertise in Flutter development, specializing in crafting cross-platform applications that seamlessly integrate functionality and design over 3+ years. With a strong commitment to delivering high-quality products, I thrive on helping businesses and individuals achieve their goals through tailored, cutting-edge app development.

EDUCATION

Bsc(Hons) Computer Science & Technology   *2021 - PRESENT*
- Sabaragamuwa University of Sri Lanka - Belihuloya

Secondary & Higher Education - Physical Science Stream   *2011 - 2019*
- Bandaranayake College - Gampaha

WORK EXPERIENCE

Software Engineer intern - Mobile (NovaLabs)   *2025 MAY - PRESENT*
- Worked on mobile app development with Bluetooth device integration, MVC architecture, and both online/offline modes.
- Enhanced app performance and reliability through debugging, testing, and implementing offline-first features with local database syncing.
- Collaborated with cross-functional teams and followed Agile workflows, gaining hands-on experience with Git.

Mobile Application Developer (Freelancer)   *2022 - PRESENT*
- Developed & deployed cross-platform mobile apps (Flutter).
- Integrated RESTful APIs, Firebase, and databases, ensuring seamless functionality.
- Designed & optimized UI/UX, enhanced performance, and managed full SDLC for global clients.

PROJECTS

Triple T - Mobile Game   ⚙ in ▶
- A dynamic Tic Tac Toe game with single player and local multiplayer functionality.
- Used Technologies - **Flutter, Flame, Providers for State Management**

TumorVision (Brain Tumor Ditection Web Application) - Group Project   ⚙ in
- Developed a web application for brain tumor detection using deep learning algorithms.
- Classifies tumors into glioma, meningioma, pituitary, or no tumor.
- Current prototype achieves 60-70% accuracy, with ongoing enhancements.
- Used Technologies - **Flutter, Python, PyTorch, OpenCV, Deep Learning, CNN (Convolutional Neural Networks)**

Hodi - Sinhala OCR App ⬡

- OCR app with machine learning for Sinhala text recognition.
- TensorFlow for handwritten & printed character detection.
- Used Technologies - **Flutter, TensorFlow, CNN, Media Handling**

EveMap - Event Organizing App ▶

- Distinct interfaces for organizers and participants.
- Organizers: Create, manage, and promote events with customizable options.
- Participants: Discover events, purchase tickets, and track bookings seamlessly.
- Optimized for performance, scalability, and secure transaction
- Used Technologies - **Flutter, Firebase, Firestore**

ClassEase - Smart Student Attendence System ⬡

- Implemented QR code-based student attendance system for real-time tracking.
- Automated notifications to parents when a student enters or leaves the class.
- merged exam marks management for efficient student performance tracking.
- Used Technologies - **ReactJs, Boostrap, NodeJs, ExpressJs, MongoDB**

TECHNICAL SKILLS

- **Languages** - HTML, CSS, JavaScript, Dart, C, C#, Java, Python, Swift
- **Frameworks & Libraries** - Flutter, ReactJS, Bootstrap, Node JS, Express JS, Tailwind CSS
- **Databases** - MySQL, Firestore, MongoDB
- **Technologies & Tools** - AWS, Google Cloud, Firebase, Figma, GIT, VS Code, MVC, MVVM Architectures, Jira, State Management (Provider, RiverPod)

SOFT SKILLS

Teamwork, Leadership, Prioritize Workload, Excellent Planning, Good Communication, Adaptability, Time Management, Problem Solving

LANGUAGES

- Sinhala (Fluent)
- English (Intermediate)
- Japanease (Intermediate)

AWARDS

- **Gold Medalist of RIIE For Best Innovations of University Category**
  University of Ruhuna And Southern Province IDB
- **Finalist of Sri Lanka AI Challenge - 2024**
  AI Driven Sri Lanka

- **Finalist of HackX - 2022**
  Inter University Startup Challenge University of Kelaniya
- **Finalist of Meta+ 2.0 - 2023**
  The Research competition University of Colombo

EXTRA CURRICULAR ACTIVITIES

IEEE Student Branch | SUSL - Active Member
Society of Technological Studies | SUSL - Active Member
YFC - Kegalle District Society - President (2020-2021)

NON RELATED REFERENCES

Prof. (Dr.) R.M. Kapila Tharanga Rathnayaka
Head Department of Physical Sciences & Technology
Faculty of Applied Sciences
Sabaragamuwa University of Sri Lanka
P.O. Box 02, Belihuloya, Sri Lanka
T.P: 0094-716324516
Email: kapilar@appsc.sab.ac.lk, kapila.tr@gmail.com

Dr. Chaminda H. Baduraliya (PhD)
Senior Lecturer G I
Department of Physical Sciences & Technology,
Faculty of Applied Sciences,
Sabaragamuwa University of Sri Lanka,
P.O.Box 02, Belihuloya, Sri Lanka
T.P   : +94 45-3454527
E-mail : chamihb@appsc.sab.ac.lk