



PRAMODA KATIPEARACHCHI

Software Engineer

Lihiniyawa, Mahakalupahana, Mathugama

Tel: 070 600 45 75 | Email: pramodakaps@gmail.com

LinkedIn: Pramoda Katippearachchi

GitHub: PramodaKAPS

Professional Summary

A recent Information Technology graduate from the University of Moratuwa with hands on experience in designing and developing robust software solutions. Combines a strong academic foundation with practical skills in modern web technologies and agile methodologies. Eager to apply technical expertise, problem-solving abilities, and a collaborative spirit to a challenging software engineering role.

Experience

Full Stack Software Engineer Intern

LK Domain Registry

- Developed and maintained user-centric web applications with React.js, Node.js, and MySQL.
- Worked in agile, cross-functional teams to deliver scalable backend and responsive frontends.
- Contributed to application optimization and troubleshooting, enhancing system performance.

Technical Skills

- Language: Java, JavaScript, C
- Frontend: React.js, HTML, CSS, MUI (Material UI)
- Backend: Node.js
- Database: MySQL, MongoDB
- Tools: VS Code, IntelliJ, NetBeans, Atmel Studio
- Version Control: Git
- Other: Figma, Canva, Proteus, Photoshop, Trello

Projects

Employee Directory

- Role: Full Stack Developer
- Created a web platform for efficient management and search of employee data, featuring contact details, work history, and departmental organization.
- Technologies: React.js, Node.js, MySQL

Personalized Song Recommendation Chatbot Based on User Emotions – 4th Year Research Project

- Role: Full Stack Developer
- Responsible for the core emotion analysis components of the smart chatbot. My work involved two key area
- **Text Emotion Detection:** Developed a model using a DistilBERT transformer to detect 10 emotions from the user's text input, managing data preparation, model training, and tuning.
- **Song Emotion Classification:** Built a multimodal system to classify song emotions from lyrics and audio features, mapping them to Thayer's emotion plane for mood-based recommendations.
- Technologies: DistilBERT, Python, MLPregressors, DigitalOcean.

ETAS Data Loader – Level 2 Industry-Based Software Project

- Role: Full Stack Developer
- Designed an online tool facilitating data import into ETAS test automation, with robust validation and a modular architecture.
- Technologies: React.js, Node.js, MongoDB

Melbo Cleaners (Australia) – Cleaning Service Platform

- Role: Full Stack Developer
- Built an intuitive platform enabling residential and commercial clients to book, browse, and manage cleaning services.
- Technologies: React.js, Node.js

Multi-Functional Massaging Chair – Level 1 Hardware Project

- Engineered a smart chair for office workers, incorporating automated lumbar support, heating/cooling, massage, and adjustable footrest.

Education

University of Moratuwa

BSc (Hons) in Information Technology (Completed 2025) | GPA: 3.14

Ananda Shastralaya National College, Mathugama

GCE Advanced Level, 2019: Mathematics (A), Physics (B), Chemistry (B), Z-Score: 1.4099

GCE Ordinary Level, 2015: 7As, 1B, 1C

Achievements

- Placed 1st and 2nd in divisional and zonal science and mathematics competitions (2010).

Additional Experience & Activities

- Chemistry Instructor, Penola High Education Institute, Matugama
- Rotaract Club member, University of Moratuwa (2021–present)
- Volunteer, Hand in Hand Project (2022)
- LEO Club member, University of Moratuwa (2021)
- Head Prefect, Sri Medhanandha Damma School (2014–2015)
- Prefect Board Member, Meegahathanna Primary College (2009)

Languages

- English (Fluent)
- Sinhala (Native)

Interests

- Artificial Intelligence
- Supply Chain Technology
- Teaching, Drawing, Music, Travelling
- Sports: Cricket, Carrom

Referees

- Nimesh Jayasanka, Software Engineer, CMS (Pvt) Ltd, Tel: 0769 846 039, nimeshjayasankhani@gmail.com
- Roshani Wijesuriya, Lecturer, Faculty of Information Technology, University of Moratuwa, wijesuriyar@uom.lk