DHANANJAYA BANDARA

Kegalle, Sri Lanka

📞 +94 752215907 ✉ prasannadananjaya7@gmail.com in LinkedIn ⭘ GitHub ⬡ Portfolio

SUMMARY

Motivated Computer Science graduate with a strong interest in backend development and fullstack solutions. Experienced in contributing to national-level projects in Sri Lanka, including workshop management systems and digital libraries. Skilled in applying Natural Language Processing (NLP) for innovative research, such as digitalizing traffic law enforcement. Proficient in PHP, MySQL, JavaScript, CSS, HTML, and fullstack web development, with a focus on creating efficient, user-friendly applications that drive national digital transformation.

EDUCATION

University of Jaffna, Vavuniya Campus   **Expected Graduation: 2025 August**
Bachelor of Science Honors in Computer Science   *Vavuniya, Sri Lanka*

Fusion Education Institute   **04 2015 – 03 2016**
Diploma in Computer Applications   *Kegalle, Sri Lanka*

PROFESSIONAL EXPERIENCE

Information and Communication Technology Agency of Sri Lanka (ICTA)   **04 2025 – Present**
Trainee Software Engineer   *Colombo, Sri Lanka*

- Served as a Fullstack Developer contributing to national-level projects, including the development of a Workshop Management System for the Capacity Building Pillar.
- Collaborated on the National Digital Capacity Library, enhancing digital infrastructure for capacity building initiatives.
- Gained hands-on experience in software engineering practices within a government agency focused on ICT advancements in Sri Lanka.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, MySQL, HTML
Developer Tools: VS Code, Visual Studio, Google Colab
Technologies/Frameworks: Django, Flutter, Django REST Framework, NLP

PROJECTS

Digitalization of Traffic Law Enforcement in Sri Lanka | Python NLP Flask   **11 2024**

- Led the first initiative in Sri Lanka to digitalize traffic law enforcement using Natural Language Processing (NLP) techniques for automated analysis and enforcement.
- Implemented a user-friendly interface to enable seamless interaction for end-users.
- Delivered national-level value by pioneering a digital approach to improve efficiency and compliance in traffic management.

Workshop Management System | Django Flutter RESTful API MySQL Python   **04 2025**

- Built a robust system using Django/DRF (backend), Flutter (frontend), and MySQL (database) to manage workshops, registrations, and feedback analytics.
- Designed responsive UI with Flutter, created RESTful APIs for CRUD operations, and enabled participant workflows (registration, attendance) with data integrity via Django models.
- Engineered feedback collection, analytics dashboards, and bulk participant imports from Excel, enhancing system scalability and user experience.

Student Skill and Performance Management System | PHP HTML CSS MySQL   **03 2024**

- Web-based system using MySQL, PHP, HTML, JavaScript, and CSS for students to generate resumes and for employers to search, contact, or hire candidates efficiently.

CERTIFICATIONS

Data Analysis using Python – IBM

Introduction to AI for Youth – Intel

Python 101 for Data Science – Cognitive Class

Python for Beginners – UOM

REFEREES

Dr. T. Kartheeswaran
Senior Lecturer, University of Vavuniya   ✉ *karthees@vau.ac.lk*   📞 *+94 779905300*

Mr. Ayesh Merenchige
Full Stack Developer, AI Specialist @ Wise Soft Lab   ✉ *ayesh.csm@gmail.com*   📞 *+94 785446777*