

# KAVINDAYA NIDURANGANI

## Final-Year IT Undergraduate

Full Stack Development — Web Applications — Machine Learning

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### Professional Summary

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As a final-year Information Technology undergraduate, I have over 1 year of hands-on experience in software development, web development, and machine learning. I am proficient in Python, JavaScript, and PHP, with strong expertise in modern frameworks and libraries such as ReactJS, Laravel, and Bootstrap. I possess skills in building scalable applications using RESTful APIs and FastAPI, along with experience deploying projects on Firebase and AWS. I have successfully completed academic and personal projects including **HungerHub** (an Android app for managing food donations), a **blockchain-based Certificate Verification System (DCVS)**, an NFT Quiz Game, and a Cake Management System. I have a solid background in cloud deployment, **CI/CD pipelines (GitHub Actions)**, Agile workflows, and version control with **Git**. Additionally, I hold certifications in machine learning, DevOps, Firebase, and full-stack web development. I am highly motivated, a quick learner, and a strong team player with excellent problem-solving abilities. I am seeking a **Software Engineer, Web Developer, Full-Stack Developer, Frontend Developer, Junior Developer, Machine Learning Engineer (Intern / Junior) and Application Developer** role where I can contribute innovative, efficient, and user-friendly digital solutions.

### Education

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| • <b>B.Sc. (Hons) in Information Technology</b><br><i>Horizon Campus, Colombo, Sri Lanka</i> | <b>March 2022 – Present</b>     |
| • <b>G.C.E. Advanced Level</b><br><i>Royal collage, polonnaruwa, Sri Lanka</i>               | <b>July 2017– December 2019</b> |

### Technical Skills

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| • <b>Programming Languages:</b> Python, JavaScript, PHP, Java, C                            | • <b>ML/AI:</b> Predictive Analytics, Data Preprocessing, Model Training, Data Visualization |
| • <b>Web Frameworks and Libraries:</b> ReactJS, Laravel, Bootstrap, FastAPI, Flask, Next.js | • <b>DevOps/Cloud:</b> AWS, Railway, Git, GitHub, GitLab,                                    |
| • <b>API Development and Testing:</b> RESTful APIs, API Integration, Postman, OAuth         | • <b>Tools and Technologies:</b> Visual Studio Code, Jira, Postman, Figma, Canva             |
| • <b>Frontend Technologies:</b> HTML, CSS, JavaScript, jQuery, Responsive Design            | • <b>Soft Skills:</b> Team Leadership, Problem Solving, Time Management, Communication       |
| • <b>Backend Technologies:</b> PHP, Node.js, Python, SQL                                    | • <b>Languages:</b> English (Fluent), Tamil (Intermediate), Sinhala (Native)                 |
| • <b>Databases:</b> MySQL, SQL  |  |

## Work Experience

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- **Member, School Prefect Team**

Contributed to maintaining discipline and organizing school events.

- **Member, School Media Society**

Participated in media-related activities and event coverage.

- **Director, LEO Club, Horizon Campus**

Led club initiatives, community service projects, and organized events.

- **Member, Media Club, Horizon Campus**

Assisted in media production and communication tasks.

- **Member, First Aid Club, Horizon Campus**

Participated in first aid training and awareness programs.

- **Content Writer, Cybersecurity Club, Horizon Campus**

Created content related to cybersecurity topics and awareness.

## Certifications

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- **Oracle Fusion Cloud Applications HCM Certified Foundations Associate-Oracle**
- **Network Security-Great Learning Academy**
- **Intro to Machine Learning-Kaggle**
- **Full-Stack Web Development with React and Laravel-Horizon Campus**
- **Version Control with Git and GitHub-freeCodeCamp**
- **Firebase for Android Development-YouTube & Firebase Documentation**
- **DevOps and CI/CD with GitHub Actions-Udemy.**

## Academic Projects

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### Cake Management System

*Technologies:* Java (Swing), MVC Architecture, MySQL (XAMPP)

- Developed a desktop application for managing products, sales, and report generation.
- Implemented user authentication and robust error handling.
- Followed MVC pattern to ensure code modularity and maintainability.

### Mini Game

*Technologies:* Python

- Created a simple interactive game focusing on basic game mechanics and user interaction.
- Demonstrated programming fundamentals and event-driven design.

### Streamlit Project

*Technologies:* Python, Streamlit, Pandas, Matplotlib

- Built an interactive data app featuring real-time data visualization and user inputs.
- Showcased skills in rapid app development and dashboard creation.

### HungerHub

*Technologies:* Java (Android), Firebase Realtime Database, Firebase Storage

- Developed an Android app for food donation management with real-time updates.
- Implemented user authentication, donation uploads, and image storage features.

### Traveller

*Technologies:* ReactJS, Laravel, MySQL

- Built a responsive web application for travel booking and inquiry management.
- Integrated automated email reminders and booking features to improve UX.

### Vercel Deploy

*Technologies:* Vercel, Next.js, GitHub Actions

- Demonstrated deployment of web apps on Vercel cloud platform.
- Managed CI/CD pipelines and environment configurations for smooth deployment.

- **Programming Languages:** Python, JavaScript,

## Achievements & Awards

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- **2nd Runner-Up – Best Project for Peace, Religious, and Cultural Activities (2024)**

*Samuduru Sewana* by Leo Kavindya Nidurangani– Recognized for promoting peace, interfaith harmony, and cultural unity.

- **Cisco Networking Essentials – Cisco Networking Academy**

Acquired foundational networking skills: routing, IP addressing, subnetting, and troubleshooting.

- **Oracle HCM Cloud Foundations – Oracle**

Demonstrated understanding of enterprise HR solutions.

- **Intro to Machine Learning – Kaggle**

Hands-on experience with data preprocessing, training models, and evaluation.

- **Full-Stack Web Development with React & Laravel – Horizon Campus**

- **Version Control with Git & GitHub – freeCodeCamp**

- **Firebase for Android Development – via YouTube + Docs**

- **DevOps & CI/CD with GitHub Actions – Udemy**

## References

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References are available upon request.