

Kanistan Kanesalingam

📍 Point Pedro ✉ kkanistan874@gmail.com ☎ +94 77 266 41 92 in kanistan 🔄 KKanistan06 🌐 Kanistan

Summary

As a dedicated Computer Engineering student from the University of Jaffna, I possess strong problem-solving skills and thrive in collaborative team environments. I am eager to apply my abilities and gain hands-on experience through an intern position, with the goal of growing into a successful professional in the industry.

Education

- | | |
|--|----------------|
| University of Jaffna BSc (Hons) for Engineering in Computer Engineering | 2022 – Present |
| • CGPA: 3.59/4.0 | |
| GCE Advance Level Examination Physical Science | 2017 – 2020 |
| • 2A's and B | |

Projects

- | | |
|---|------|
| Course Registration System github.com/FOE_CourseRegistrationSystem | 2025 |
| <ul style="list-style-type: none">• Built a fully responsive course-registration portal using ASP.NET MVC, MS SQL Server, CSS, and JavaScript to enable self-service enrollment and streamline administrative processes• Designed and normalized the SQL database schema to support efficient storage and retrieval of course, enrollment, and user information• Tools: ASP.NET MVC, MS SQL Server, CSS, JavaScript• Contribution: Full-stack Development, Database Design, Requirement Analysis | |
| Feedback Management System github.com/Feedback-Management-System | 2024 |
| <ul style="list-style-type: none">• Engineered a Bootstrap-driven feedback application with PHP, MySQL, HTML, CSS, and JavaScript to centralize user submissions and simplify administrator review• Tools: PHP, MySQL, HTML, CSS, JavaScript, Bootstrap | |
| Air Quality Monitoring System github.com/Air-Quality-Monitoring | 2024 |
| <ul style="list-style-type: none">• Developed a React-based dashboard integrating MQTT ingestion and MongoDB for real-time visualization of multi-sensor data (CO, PM2.5, PM10, temperature, humidity)• Tools: React JS, MongoDB, MQTT | |
| Password Manager Application github.com/Password-Manager | 2024 |
| <ul style="list-style-type: none">• Built a secure, full-stack password manager with React on the front end and Node.js on the back end, enabling credential generation, encryption, and cross-device synchronization• Tools: React JS, Node.js, AES Encryption, JWT | |

Skills

Languages: Java, C++, Python, JavaScript, SQL
Technologies: React JS, .NET, Node.js, MySQL, MS SQL, MongoDB, Git, Docker, ERPNext, WordPress, Elementor
Tools: Postman, GitHub Actions, JIRA

Experience

Ravana Industrial, Web Developer

Colombo
Mar 2024 – Feb 2025

- Designed and deployed custom ERPNext modules and Python automation scripts to streamline procurement and inventory workflows, significantly reducing manual effort and improving data accuracy
- Developed a WordPress plugin in PHP for automatic generation and persistence of unique product codes directly within the editor
- Created mobile-first layouts and templates in Elementor to accelerate landing-page builds while maintaining high performance standards
- Containerized PHP and Frappe plugins into Docker images to standardize deployment environments

Certification

- GitHub Action
- Web Development with HTML5, CSS3, JavaScript
- Supervised Machine Learning: Regression and Classification

Extracurricular Activities

- Vice President - Computer Engineering Society 25/26
- Vice President - Inventory Committee of Engineering Students Union 25/26
- Web Master - Computer Intelligent Society 24/25

Soft Skills

Project Management, Time Management, Team Work, Fast Learner, Problem-solving, Collaborative Communication

Languages

- English - Professional Proficiency
- Tamil - Native
- Sinhalese - Elementary Proficiency

References

Mr. Anojan Vinayagamoorthy

General Manager
Ravana Industries
Colombo

ano@ravanaindustries.com
+94-75-821-0770

Dr. Pratheeba Jeyanathan

Head of the Department
Dept. of Computer Engineering
Faculty of Engineering
University of Jaffna

pratheeba@eng.jfn.ac.lk
+94-21-206-0161

Dr. Jananie Jarachanthan

Senior Lecturer
Dept. of Computer Engineering
Faculty of Engineering
University of Jaffna

jananie@eng.jfn.ac.lk
+94-21-206-0161