

# Shanjeyan Vinayagamoorthy

## Software Engineer

+94 77 131 9932 | [vinayagamoorthyshanjeyan@gmail.com](mailto:vinayagamoorthyshanjeyan@gmail.com)

[linkedin.com](https://www.linkedin.com/in/shanjeyan-vinayagamoorthy) | [github.com](https://github.com/shanjeyan-vinayagamoorthy) | [x.com](https://x.com/shanjeyan_vinayagamoorthy)

Joseph Dias Lane, Colombo-15, Sri Lanka

### OBJECTIVE

Proficient in front-end technologies, basic backend development, and version control. Passionate about delivering responsive, user-friendly interfaces, writing clean and testable code, and performing software testing to ensure quality and usability. Eager to contribute to real-world projects, collaborate in agile teams, and grow as a well-rounded software developer.

### EDUCATION

<ul style="list-style-type: none"><li>• <b>NIBM</b> <i>Higher National Diploma in Software Engineering</i><ul style="list-style-type: none"><li>◦ GPA: 2.80/4.00</li></ul></li></ul>	2024 - 2025 Colombo, Srilanka
<ul style="list-style-type: none"><li>• <b>NIBM</b> <i>Diploma in Software Engineering</i><ul style="list-style-type: none"><li>◦ GPA: 3.21/4.00</li></ul></li></ul>	2022 - 2023 Colombo, Srilanka
<ul style="list-style-type: none"><li>• <b>OKI International School</b> <i>Cambridge Advance Level</i><ul style="list-style-type: none"><li>◦ Grade: 3B, 1C</li></ul></li></ul>	Oct 2021 Wattala, Srilanka
<ul style="list-style-type: none"><li>• <b>OKI International School</b> <i>Cambridge Ordinary Level</i><ul style="list-style-type: none"><li>◦ Grade: 1A*, 2B, 4C, 1D</li></ul></li></ul>	May 2019 Wattala, Srilanka

### PROJECTS

<ul style="list-style-type: none"><li>• <b>Fake Product Verification</b> <i>Blockchain Technology, HTML, CSS, js, PHP, Firebase</i><ul style="list-style-type: none"><li>◦ Built a decentralized verification system using Ethereum blockchain.</li><li>◦ Used Solidity smart contracts for secure product detail verification.</li><li>◦ Developed QR code scanner for real-time product authentication.</li></ul></li></ul>	Nov 2024
<ul style="list-style-type: none"><li>• <b>Food App</b> <i>Android Studio, Java, XML, SQLite</i><ul style="list-style-type: none"><li>◦ Built a food ordering app with real-time tracking.</li><li>◦ Integrated secure payment gateway.</li><li>◦ Designed intuitive UI using XML.</li><li>◦ Developed admin panel for restaurant/order management.</li></ul></li></ul>	July 2024
<ul style="list-style-type: none"><li>• <b>Online Clothing Store</b> <i>PHP, JavaScript, HTML, CSS, SQLite</i><ul style="list-style-type: none"><li>◦ Implemented security: reCAPTCHA, input validation, XSS, SQL injection prevention.</li><li>◦ Developed a feature-rich online clothing store with software securities and real-time order tracking.</li><li>◦ Developed admin panel for product/user/order management.</li><li>◦ Designed intuitive and modern UI, ensuring a seamless shopping experience.</li></ul></li></ul>	June 2024
<ul style="list-style-type: none"><li>• <b>Leaf Disease Detection</b> <i>Python, OpenCV, NumPy, Matplotlib, Scikit-Image, DIP Techniques</i><ul style="list-style-type: none"><li>◦ Built DIP techniques-powered system for leaf disease detection (90% accuracy).</li><li>◦ Used image preprocessing: CLAHE, HSV, Canny edge detection.</li><li>◦ Created tool for analyzing and segmenting diseased regions.</li></ul></li></ul>	May 2024

## SKILLS

---

- **Programming Languages:** Java (Intermediate), C (Intermediate), Python (Beginner)
- **Web Technologies:** HTML5 (Advanced), CSS3 (Advanced), JavaScript (Advanced), React.js (Beginner), jQuery (Beginner)
- **Database Systems:** MySQL (Advanced), Oracle Database (Advanced), SQLite (Advanced), Mongo DB (Intermediate)
- **Data Science & Machine Learning:** Python, Jupyter Notebooks, Google Colab, OpenCV
- **Quality Assurance:** Manual Testing, Writing Test cases, JIRA, SQL Queries
- **Version Control:** Git, GitHub
- **Specialized Area:** Quality Assurance(Advanced), Web Development(Advanced), Android Development(Intermediate), UI/UX(Intermediate)
- **Other Tools & Technologies:** Figma, WordPress

## CERTIFICATIONS

---

- |   |                 |
|---|-----------------|
| • <b>Basics of Digital Marketing</b> - Uniathena.                     | <i>Dec 2024</i> |
| • <b>UI/UX for Beginners</b> - Great Learning.                        | <i>Dec 2024</i> |
| • <b>Basics of Machine Learning Algorithms</b> - Uniathena.           | <i>Nov 2024</i> |
| • <b>Basics of Python</b> - Uniathena.                                | <i>Nov 2024</i> |
| • <b>Basics of Data Science</b> - Uniathena.                          | <i>Nov 2024</i> |
| • <b>Essentials of Data Visualization using MS Excel</b> - Uniathena. | <i>Nov 2024</i> |
| • <b>Database Design</b> - Oracle Academy.                            | <i>Oct 2024</i> |
| • <b>Database Foundation</b> - Oracle Academy.                        | <i>Oct 2024</i> |

## LANGUAGES

---

- English - Fluent.
- Tamil - Native.
- Sinhala - Communicational.

## REFERENCES

---

1. **Mr. Zayan Fazly**  
Lead Software Engineer  
Virtusa  
Email: zayan@virtusa.com  
Phone: 0755541482
2. **Mr. Lakshiharan Rajendran**  
Web Designer  
TIIKM  
Email: lakshiharanlksh@gmail.com  
Phone: 0755570075