

# Osanda Lelum

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## Personal Statement

I am a results-driven professional with expertise in digital transformation, AI solutions, and data-driven business intelligence. I have led the design of enterprise systems, integrated ERP and planning tools, and delivered 50+ BI dashboards that empowered strategic decision-making. My experience includes deploying AI-powered automation, predictive analytics, and compliance monitoring systems to enhance operational efficiency and business growth. Beyond industry practice, I contribute as a lecturer, sharing knowledge in data analytics and emerging technologies. With a strong foundation in computer science and financial engineering, I am passionate about driving innovation, digital growth, and organizational transformation through intelligent solutions.

## Experience

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| <b>Senior Specialist Digital Transformation</b> , GRI(Global Rubber industries) Pvt Ltd   | Jan 2024 - Present  |
| <ul style="list-style-type: none"><li>Built AI-powered WhatsApp bots integrated with Power BI for insights, reporting, and QA.</li><li>Led tire-performance mobile app development to improve field data capture and operations.</li><li>Delivered 50+ real-time BI dashboards across ERP/planning tools; drove data visualization and decision support.</li><li>Managed end-to-end Power BI development and mentored the BI team.</li></ul>  |                     |
| <b>Specialist, Digital Transformation</b> , GRI   | Jan 2023 - Jan 2024 |
| <ul style="list-style-type: none"><li>Built a mobile application that captures curing parameters end-to-end and delivers live planned-production data to floor teams, boosting user productivity and workflow accuracy.</li><li>Conducted business analysis and delivered end-to-end digital solutions.</li><li>Owned project lifecycle: planning, design, development, testing, and rollout.</li><li>Built Gatepass, Transport Management Approval workflows, ensuring compliance and efficiency</li></ul> |                     |
| <b>Visiting Lecturer</b> , Pace Institute – Colombo, LK,  | Jan 2022 - Jan 2023 |
| <b>Visiting Instructor</b> , University of Moratuwa – Department of IT – Colombo, LK,   | Oct 2022 - Jan 2023 |
| <b>Executive – Process Development</b> , InQube (Pvt) Ltd – Colombo, LK,  | Oct 2021 - Oct 2022 |
| <b>Software Engineer</b> , Surecore (Pvt) Ltd – Colombo, LK,  | Oct 2020 - Oct 2021 |

## Projects & Publications

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| <b>AI-Powered WhatsApp Bots &amp; Business Intelligence Dashboards – GRI</b>  | Mar 2024 |
| Designed and deployed 50+ BI dashboards integrating ERP, planning tools, and analytics. Implemented AI-driven WhatsApp bots for automation of reporting, compliance, and decision-making. |          |
| <b>Novacura developments -Tire Performance Mobile Application – GRI</b>   | Mar 2023 |
| Developed a mobile app to track tire performance, predictive maintenance, and compliance. Enhanced automation across production and quality monitoring.                                   |          |
| <b>Insurance Product Suite Implementation – Surecore (Sanasa &amp; Ceylinco Life)</b>   | 2021     |
| Built and delivered core modules (receipting, underwriting, quotations, reinsurance, group life). Ensured seamless integration across enterprise insurance systems.                       |          |
| <b>Work4Me – Group Project (UCSC)</b>   | 2020     |
| Full-stack MERN mobile platform connecting employers with part-time workers. Designed scalable architecture for real-time job postings and matching.                                      |          |

## Kaboni – Individual Project (UCSC)

2019

E-commerce platform for mobile accessories using HTML, CSS, PHP. Implemented secure checkout and product catalog features.

## Technologies

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**Languages:** Python, Java, JavaScript, TypeScript, C#, PHP, SQL, HTML5, CSS3

**Technologies:** React.js, Node.js, Express.js, Spring Boot, Microsoft Power BI, Microsoft Power Apps, Microsoft Power Automate, Novacura Flow, PostgreSQL, MySQL, MongoDB, Firebase, REST APIs, SOAP, JSON, Microsoft Power Platform, MATLAB

**Tools & Platforms:** Git, GitHub, Docker, Microsoft Azure, IFS ERP, Preactor Planning Tool, WFX, HRIS Systems, Transport Management Systems, Learning Management Systems (LMS), Zoom, YouTube Studio

**Third Party Service Integrations:** Power BI, Microsoft Outlook, Microsoft Teams, Google Workspace, Oracle Fusion, Dynamics 365

## Education

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| <b>University of Colombo, LK, Postgraduate Diploma in Financial Engineering,</b><br>(Focused on Python, AI/ANN, and machine learning applications in finance, fintech, and risk management) | Sept 2022 |
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| <b>University of Colombo School of Computing, LK, Bachelor of Science in Computer Science,</b> (GPA 2.86   Specialized in Data Structures, Algorithms, Software Engineering, Project Management, Quality Assurance, and Mobile App Development) | Jun 2021 |
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| <b>Richmond College, LK, GCE Advanced Level (A/L) ,</b> (Physical Science Stream   Combined Mathematics – A, Physics – B, Chemistry – B ) | Aug 2016 |
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| <b>Richmond College, LK, GCE Ordinary Level (O/L),</b> (9 Distinctions   Tamil – S Pass 2019 OŁ  Chess Colors man) | Dec 2013 |
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## References

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References available upon request