



KAPILA LANEROLLE

+94718626773

klanerolle@gmail.com

www.linkedin.com/in/kapila-lanerolle-0500721b

PROFILE STATEMENT

Versatile Trainer/ Project Manager/Scrum Master/ Technical Lead with over 13 years of experience in leading agile teams to deliver high quality software solutions. Proficient Java Backend Developer with extensive knowledge in designing, developing, and maintaining scalable applications. Proven record in managing complex projects, optimizing processes, and enhancing team productivity.

SKILLS

- Leadership and Communication
- Problem Analyzing & Solving
- Agile & Scrum Methodologies/SAFe
- Program/ Project Management
- Software Design/ Development/ Testing and Maintenance Support
- Resource Allocation
- Team Management
- Conflict Resolution & Risk Management
- Customer satisfaction
- Talent Acquisition and Mentoring

WORK EXPERIENCE

Senior Lead Software Engineer – Learning and Development

Virtusa (Pvt) Ltd, Sri Lanka

Oct 2024 – Present

Responsibilities:

- Lead technical execution and delivery across multiple projects, ensuring alignment with client expectations and timelines.
- Mentor and guide junior engineers to foster skill growth and team collaboration.
- Maintain high-quality standards across all technical deliverables.
- Integrate emerging technologies and trends (e.g., Generative AI) to enhance innovation and project efficiency.
- Champion continuous learning initiatives to support team and organizational growth.
- Conduct new hire orientation, corporate induction programs, and technical training (Java, Python, AI).
- Represent Virtusa as a mentor and serve on the Global FSD Interview Panel.

Skills & Competencies:

- Strategic, internal, corporate, and interpersonal communication
- Community development and stakeholder engagement
- Project and program management expertise
- Reporting, analysis, and procurement engagements (PA, PR, PO)
- Expertise in training design and delivery (technical and soft skills)
- Strong understanding of emerging tech trends and learning methodologies

Senior Lead Software Engineer/Scrum Master

Virtusa (Pvt) Ltd, Client- MTN-South-Africa, CSG-India,

Aug 2022 – Sep 2024

- Directed the planning and execution of CSGI Singleview project, leading to a 25% increase in system efficiency and user satisfaction.
- Conducted risk assessments and developed mitigation plans, minimizing project risks, and ensuring smooth execution.
- Provided technical leadership in Singleview development, designing, and maintaining backend systems and ensuring code quality through regular code reviews.
- Facilitated effective communication between stakeholders and development teams, aligning project goals with business objectives.
- Utilized JIRA for tracking project progress, managing risks and maintaining detailed documentation.
- Mentoring junior developers, fostering a culture of continuous learning and professional group.
- Optimized database structures for faster query responses, improving overall application performance.
- Presented technical concepts clearly during meetings with stakeholders, ensuring alignment on project objectives and expectations.
- Established coding standards across the engineering team to ensure uniformity in style and approach among all developers.

TOOLS & TECHNOLOGIES

- Java Backend Development - Springboot, Microservices, Spring Security, Spring AOP, Spring Batch, Spring Data
- Frontend Development - HTML, Bootstrap, Angular, React, Vue.js, React Native
- MySQL, Oracle, Informix, Firebase, AWS S3
- CI/CD – Jira, Confluence, Git, Jenkins
- Generative AI on AWS/Azure/GCP – Python, Prompt Engineering, Chat GPT, OpenAI, LLM, NLP, Amazon Bedrock, Code Whisperer, Hugging Face, ML & DL, FMs, pgvector, PostgreSQL
- Power BI, MS Office
- Cloud – AWS, Azure
- Apache, JBOSS, WildFly
- Telecom domain – Singleview, Tuxedo, Relgen, CVS, Perl

PROFESSIONAL MEMBERSHIP

- The Institution of Engineers Sri Lanka (IESL)
 - Associate Member (AM - 13636)
 - Sep. 2012 – Present
- The Project Management Institute (PMI):
 - Member (3161612)
 - July 2014 – Present
- The Computer Society of Sri Lanka (CSSL)
 - Member (1323)
 - May 2016 – Present

ASSOCIATE ARCHITECT – PRODUCT DEVELOPMENT

Mobitel (Pvt) Ltd, Jan 2022 – Aug 2022

- Design, development, and maintenance of **VAS Provisioning System** that providing SMS, IVR, WEB, APP and USSD related applications charging initiatives and host to service charging.
- Collaborate with architects, senior management, security, developers, operations and systems, customers to design or review enterprise and departmental applications.
- Experience migrating legacy applications to containerized solutions for **Consent Management Portal**.
- Perform technical trainings for the team, on innovative of difficult subjects.
- Design software solutions that address complex business requirements and review their implementations.
- Participate and provide solution for new business process (RFP)

TECHNICAL LEAD – PRODUCT DEVELOPMENT

Mobitel (Pvt) Ltd, Jan 2021 – Dec 2021

- Design, development, and maintenance of **Inzpire (Developer Self-care Portal)** that providing SMS, USSD, Subscription as a service, charging as a service and host of other services.
- Defined standards, development processes, code review guidelines and other areas focused on improving code quality and maintainability of **mLearning** Product that is a Learning Management system and virtual classroom on single platform.
- Planning and implementing **3G/RNC Cell Broadcast Messaging** to content distribution for mobile commerce collaborative with Celltick India.
- Prepare technical specifications on **4G MME Integration with CBC** to content distribution for mobile commerce collaborative with Celltick India.

SENIOR ENGINEER – PRODUCT DEVELOPMENT

Mobitel (Pvt) Ltd, Jan 2016 – Dec 2020

- Collaborate with teams to brainstorm, design, and develop new products for bulk SMS service to enterprise and corporate like as,
 - o **mSpace** – The option of creating SMS based apps without any coding and communicate to the right audience which your own advertising.
 - o **mSMS Enterprise/mSMS Lite** – Two-way mass messaging solution which caters to all the messaging requirements of an enterprise.
- Design and develop mobile applications using android to fulfill Sales Force Automation like as, **SimReg, Cano app, mSupport, mBroucher**.
- Design and Develop web and SMS based solution using PHP/Apache to fulfill CSR activities like as,
 - o “**SMS to 6060**” to donate Eyes and Tissues for Human Tissue Bank
 - o “**Advice via 984**” to resolve complaints for NDDCB Complaint Management Unit
- Planning and implementing mobile marketing solutions that deliver a managed service to drive incremental revenue from mobile commerce and content distribution via 2G/GSM Cell Broadcasting Messaging collaborative with Celltick India. - **Celltick Live Screen, Celltick Marketing Delivery Platform**.

CONFERENCES

- RSG Colombo 2025 – (04/2025 3 days) – Regional Scrum Gathering
- AI Asia Summit 2024 – Colombo (11/2025 1 day)
- 5G Asia 2019 – Singapore (09/2019 4days)-Conference & Exhibition of Asia's Key International Trade Event.
- CommunicAsia 2015 – Singapore (06/2015 5Days) – Conference & Exhibition of Asia's Key International Information and Communication Technology Trade Event

PERSONAL INFORMATION

- Age: 39 Years
- NIC No.: 198611001355
- Passport No. N 9312157
- Marital Status: Married

REFERENCES

On-request

- Preparation of technical specifications and development **Peer-to-Peer (P2P) service** collaborative with Celltick India. Customer could simply accept (OK) the flash message to subscribe.
- Implementing **SMPP** solution for clients (such as Banks, Institutes) to communicate with their customers.
- Planning and implementing **mobitelnet** email server collaborative with Zimbra open-source messaging and solution.

ENGINEER – PRODUCT DEVELOPMENT

Mobitel (Pvt) Ltd, Apr 2012 – Dec 2015

- Implement **NFC One Platform (mFlash fuel, mLoyalty, iCard** solution for school attendance) using NFC, JPA, REST, Core Java, Spring-boot, Struct2 Framework and develop mFlash mobile application development.
- Collaborate cross-functionality with business users, project managers and other engineers to achieve **Samsung KNOX EMM** using KNOX KMM portal.
- Implement **Document Management System** using LDAP/AD integration.
- Design and implement **mPBX** (Private Branch Exchange) using PHP 5.5 and apache server.

TRAINEE SOFTWARE ENGINEER

Iron One Technologies (Pvt) Ltd, Feb. 2010 – Aug. 2010

- A fulfil of industrial training course at Computer Science & Engineering, University of Moratuwa.
- Contributed to project **"Info Sense"** which is BI solution for Banking Services, it is connecting with the core banking solutions and additional solutions such as PDF, Excel, and other files.

EDUCATION

- **Master of Business Administration**
 - *University of Colombo – Faculty of Management-Oct 2015 – Jan 2018*
- **Master of Computer Science**
 - *University of Colombo School of Computing - Mar 2013 – Apr 2015*
- **BSc (Hons) Computer Science & Engineering**
 - *University of Moratuwa – Faculty of Engineering*
 - *Mar 2007 – Nov 2011*
 - *Second Lower (GPA 3.10)*
- **G.C.E. (A/L) – 2006**
 - *Mahinda College, Galle*
 - *Island Rank 180, District Rank 19*

CERTIFICATIONS AND EXTRA TRAINING

- Virtusa Certified Scrum Master – May 2025
- Building Managerial Excellence – Virtusa Thrive Academy – May 2025
- Generative AI Lead – Virtusa L&D – Ongoing
- Google Digital Leader – Cloud Academy – Mar. 2025
- Introduction to SAFe 6.0 – Udemy Business – Aug 2024
- IT Project Management – Udemy Business – Jul 2024
- Generative AI Learning Plan (Level II) – Developers – AWS – Jul 2024
- Generative AI Integration Engineer (Level I) – Udemy Business – May 2024
- Advanced Mentoring Programme – Virtusa (Pvt) Ltd – Jun 2024
- Development Conversation – Virtusa Thrive Academy – May 2024
- IT Audit Fundamentals – Udemy Business – Nov 2022
- Executive Development Programme 2018 (09/2018 – 09/2019) – High Five Consultancy & Training Private Ltd.
- Customized Business Communication Skills (09/2017 – 02/2018) – British Council

