

Pulasthi Bethmage

[Github /pulabethmage](#)

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PROFESSIONAL SUMMARY

Innovative Software Engineer with 13+ years' experience in **full-stack development, DevOps, and cloud platforms**. Proven expertise in **ASP.NET Core, Laravel, Android, ReactJS, and GCP/Kubernetes**, delivering scalable enterprise apps, mobile solutions, and analytics dashboards. Strong track record in **digital transformation, system integration, and mentoring teams** to drive secure, high-performance solutions.

PROFESSIONAL EXPERIENCE

Senior Software Engineer

September 2022 – Present

Sanasa Life Insurance PLC

- Led development of enterprise-grade solutions including **Sanasa Agent Circle (mobile app), Online Payment Gateway, Customer Portal, Complaints Management System, and GoAML (AML compliance platform)**.
- Built and integrated secure **ASP.NET APIs with Oracle Core Database**, ensuring seamless connectivity across critical business systems.
- Drove **DevOps** practices by collaborating with external vendors to **deploy, scale, and maintain systems on Kubernetes and Google Cloud Platform (GCP)**.
- Managed **Google Cloud SQL databases** (performance tuning, high availability, automated backups) and implemented CI/CD workflows to streamline deployments.
- Designed and delivered **BigQuery + Looker dashboards** across divisions, enabling executives and managers to make data-driven decisions in real time.
- Mentored engineers and interns on **Google AppSheet**, delivering automation apps (e.g., Petty Cash, Workflow Apps) and supporting **SAP B1 Hana integration** for process efficiency.
- Partnered with compliance teams to implement the Due Diligence Application, enhancing risk management and regulatory compliance.

Programmer

August 2021– July 2022

SMEC (Surbana Jurong – Singapore)

- Designed and developed **applications, websites, and mobile apps** aligned with organizational requirements.
- Led **database design from conceptual schema** to physical schema in collaboration with the development team.
- Assessed and enhanced **existing development frameworks**, improving performance and maintainability.
- Managed the **end-to-end lifecycle of mobile and web application development, from requirements gathering** to deployment.
- Implemented **data safety and security measures** to ensure compliance with best practices.
- Supported project management by contributing to **scoping, scheduling, and implementation plans**.
- Conducted **research and development (R&D)** on emerging technologies and **code optimization techniques** to improve efficiency.

Computer Programmer

December 2015 – April 2021

Arthur C Clarke Institute for Modern Technologies

- Developed and maintained **software modules** to support various IT and research projects within the institute.
- Assisted in preparing **technical specifications and compliance sheets** for IT procurement and vendor evaluations.

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- Supported the Director in **infrastructure development, procurement planning, and project execution** across multiple technology domains.
- Contributed to **interdisciplinary projects in electronics, robotics, space, and astronomy**, providing software and data management support.
- Delivered research-based applications, including:
 - **E-Market Mobile Application** for Agrarian Research and Training Institute, connecting farmers with customers.
 - **Breast Cancer Awareness & Support Mobile Application** for patients and caregivers.
 - **Decision Support Platform for Disaster Relief & Management**, improving coordination of aid, volunteers, and rescue missions.
 - **Data Screening System for Electronics Division Patent Project**, enhancing data analysis in R&D workflows.

Software Engineer

November 2011 – August 2015

Genesis Core Technologies

- Designed and developed **C# desktop applications** to support business operations and client requirements.
- Built and customized **WordPress websites**, integrating backend functionality with PHP.
- Developed and deployed **SMS gateway applications** for customer communication and marketing.
- Provided graphic design support for branding and digital content.
- Configured and maintained **networks for gaming stations**, including **LAN cabling, system setup, and troubleshooting**.

SKILLS SET

- **Programming & Frameworks:** ASP.NET Core, C#, .NET Framework, PHP (Laravel, Yii2, WordPress), Node.js, Express.js, ReactJS, Flutter, Java (Android SDK), Kotlin, JavaScript, HTML5, CSS3
- **Databases & Cloud:** Oracle, MySQL, SQL Server, Google Cloud Platform (GCP), Google Cloud SQL, BigQuery, Firebase, Kubernetes, Docker
- **Tools & Platforms:** Android Studio, AppSheet, Looker, Google Analytics, Git, CI/CD pipelines, Agile/Scrum
- **Project & Team Management:** Agile/Scrum methodologies, Project Planning, Team Mentoring, Knowledge Sharing, Stakeholder Communication

EDUCATION

Master of Science in Computing
Wrexham Glyndwr University - UK

2024 - 2025

Bachelor of Science in Information Technology, Specialized in Computer Systems and Networking
Sri Lanka Institute for Information Technology (SLIIT)

2008 - 2012