

SELAKA NANAYAKKARA

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Stack overflow - <https://stackoverflow.com/users/4672460/selaka-anayakkara>

GitHub - <https://github.com/SelakaKithmal>

Profile

- Sound knowledge in software development methodologies and software quality assurance.
- Knowledge and background in computers and computer applications in project management
- Sound knowledge of Windows XP,7,8,10,11 Google apps, Adobe products, MS applications Word, Excel, PowerPoint, Access, Outlook, LINQ, Skype, CRM & Related modules.
- Good team player, self-learning, and ability to work hard in busy, difficult work conditions.
- Project planning, preparing project documents, Budget controlling, Resource planning, SLA preparation, Conflict resolution negotiation skills and Risk management.
- Expert project management skills and strong research skills.

Professional Experience

Senior Software Engineer – Insighture Technologies Private Limited (2022 – January – Present)

Powerful intelligent web application which is written in .Net Core for web scraping for different countries legislations. Technical stacks include ReactJs , .Net Core, Azure Cosmos DB, Kubernetes.

ZONE24x7 (PRIVATE) Limited – Sri Lanka (June 2018 – Present)

Senior Software Engineer (December 2018 - Present) | Projects Involved:

- FMSI by ZONE24x7: A lobby Assisting and queue management platform with financial transaction processing and client handling capabilities. Currently being used by 109 banking clients in UK and USA. Under the name of Kronos.

Software Engineer

- RUDI by ZONE24x7: An inventory processing based on RFID reading platform which is being used by Retailers in Australia.

Associate Software Engineer (June 2018 – December 2018) | Projects Involved:

- MATRIX24X7 by ZONE24x7: A remote monitoring and management platform which handle all the device under it through a birds eye view. Which currently being used for tier 1 retailers in USA. This mainly includes device related configuration pushing via monitoring of devices and managing of devices under it.

99X Technology (May 2017- May 2018)

Intern – Software Engineer (May 2017 – May 2018) | Projects Involved

- National Payment Platform (NPP) project undertaken by 99X Technologies: National Payment Platform was a project undertaken by 99X Technology for the Government of Sri Lanka. This project mainly targeted to stabilize the online banking transaction processes of Sri Lanka by integrating all the banks to one place in Sri Lanka. I worked within this project team as a full stack developer. Technical aspects of this project include Angular JS, Node JS, Azure AD B2C, and NoSQL – Azure Document DB.
 - Biomass - Alternative energy project undertaken by 99X Technologies: Biomass is originally designed as a plantation management platform for alternative energy management. Later biomass evolved as a worldwide plantation management platform for farms scattered all over the world. This platform is currently being used by Sri Lankan farms that are situated in Puttalam, Anuradhapura, and Polonnaruwa etc., to manage their operations. Main purpose of this initiative is to reduce the charcoal importation to Sri Lanka for power generation at Norochcholai Power Plant. I played the role of “Front End Developer”
- UNDERGRADUATE PROJECT EXPERIENCE:**
- Distributed Point of Sale System with Loosely coupled Data Sharing and Transaction Processing - Developed a distributed point of sale system with loosely coupled data sharing and transaction processing for my final year project. I have used a service-oriented architecture for this project together with technology platforms such as Java, C#, android and Web services with REST and SOAP APIs.
 - Object recognition using SIFT Algorithm - The scale-invariant feature transform (SIFT) is an algorithm in computer vision to detect and describe local features in images. The SIFT algorithm implemented with MATLAB, which is one of efficient tool to perform image processing. The recognition proceeds by matching individual features to a database of features from known objects using a fast nearest-neighbour algorithm, followed by a Hough transform to identify clusters
 - Decision Support System for Lanka Tea Research Institute
 - Programming of Distributed Components using Service Oriented Architecture

Educational\Professional Qualifications

- **Master’s in management Technology (MBA)**
Moratuwa University – Sri Lanka (Completed)
- **Bachelor’s in information technology (BSc)**
Second class upper division
General Sir John Kothelawala Defense University – Sri Lanka
- **Software Engineering (Diploma)**
Institute of Information Technology (IIT) – Sri Lanka
- **Microsoft Certified System Developer**
American National College of Higher Education
- **Accountancy (Diploma)**
University of Sri Jayawardenapura – Sri Lanka

Technical & Theoretical Skill Matrix

- **Development Languages:** .Net Platform – ASP.Net with C#, VB.Net, AngularJS, Angular 2, React, Angular 5, Node JS, AWS Micro services, Azure AD B2C, Database –SQL Server 2008, NOSQL, MySQL-RDS , AWS Other Languages – C, C++, Java, MS Office Suite,
- **Software Development Tools and IDE’s:** Microsoft Visual Studio 2015/17, Macromedia Dreamweaver, Macromedia Flash MX, Adobe Photoshop

- **Project Management:** MS Project, Trello, Microsoft Excel, PMBOK practices, Agile-Scrum, Waterfall project management methods.

References Available upon request.

