Keerthika Sharthrak Niroshan

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              Sri Lanka.

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Profile

Accomplished Software Developer with 10+ years of experience in designing, developing, and deploying scalable enterprise applications, with a recent focus on React, Salesforce, and Node.js. I have led teams, managed complex projects, and collaborated with clients to create impactful solutions. Skilled in object-oriented design, integration patterns, and SaaS platforms (Amazon S3, BigQuery, Azure CosmosDB), I'm proficient in both front-end and back-end development, making me well-suited for full-stack challenges. Known for strong technical skills and adaptability, I'm eager to bring my expertise in software architecture, API development, and integration to new opportunities in React and Node.js

Skills

♦ Platforms: Mac OS, Windows, and Ubuntu.

♦ Applications, tools and technologies:

   o Salesforce : Apex, Lighting Web Components, Flows, SOQL

   o WSO2 products: WSO2 Enterprise Service Bus/Enterprise Integrator, WSO2 Identity Server and WSO2 API Manager, Ballerina, EI & IS extensions(Connectors & Authenticators)

   o Programming Languages: Java, Ballerina

   o Web Technologies: Node JS, React JS, XML, JavaScript, jQuery, Jaggery, Angular JS, HTML, CSS, Bootstrap

   o Databases: MySQL, H2 and PostgreSQL

   o SOA/Web Services: SOAP/WSDL, Apache Axis, JAX-WS, JAX-RS, Synapse

   o Building Tools: Apache Ant and Maven

   o Source Control: Git, SVN

o   Tools: IntelliJ, Eclipse, SoapUI

o   Authentication Mechanisms: Oauth1, Oauth2, OpenId, JWT and Kerberos.

Professional Qualifications & Certificates

♦   Salesforce Certified Platform Developer I - 2024

Professional Experience

♦   Senior Software Engineer
Content Management & Solutions (Pvt) Ltd - February 2024 - to date

Duties and Responsibilities

- Actively engaged in identifying, testing, and resolving bugs within portal development. Utilized Apex, triggers, and Salesforce Flows to debug and optimize performance.

- Implemented a Custom Debug Logger leveraging Apex, triggers, and Platform Events to track and log system events for enhanced troubleshooting.

- Conducted day data migration using Data loader.

♦   Software Engineer
Content Management & Solutions (Pvt) Ltd - August, 2023 - January 2024

Duties and Responsibilities

- Participated in customer portal development, integrating Salesforce Apex with React JS to create a seamless and interactive user experience.

- Implemented declarative changes within Salesforce, managed API requests, and handled integrations with external applications.

♦   Programmer Cum Systems Analyst
University of Jaffna - August 4, 2021 - to date

Duties and Responsibilities

- Design and develop Management Information System for University Of Jaffna.
- Maintain and upgrade developed web-based applications as required.

♦   Team lead & Senior Software Engineer
Unicom SD (Pvt) Limited - December 2, 2019 - April 27, 2020.

Duties and Responsibilities

- Lead the team, mentoring and training the team to develop web applications and solving the issues efficiently and effectively.

- Front end development - AngularJS

♦ Senior Software Engineer
   WSO2 Inc. - February 1, 2018 - November 30, 2019

   Duties and Responsibilities

   - Participated in customer engagements.

   - Closely worked with WSO2 Enterprise Integrator.

   - Worked on Ballerina extensions - Salesforce, Amazon S3, Google Spreadsheet, Twitter, Facebook and Azure CosmosDB connectors for Ballerina.

   - Mentored University interns and junior members.

♦ Software Engineer
   WSO2 Inc. - April 1, 2015 - January 31, 2018.

   Duties and Responsibilities

   - Developed mediators and extensions for WSO2 ESB/EI:
     ○ Keberos Mediator.
     ○ Improved cache mediator to support cache-control headers.
   - Developed integration scenarios with EI connectors for various business requirements.
   - Participated on on-site and off-site customer engagements and community engagements such as meetups and marketing activities such as writing articles and blog posts.
     ○ Written an article :
       https://wso2.com/library/articles/2017/01/article-building-your-integration-scenario-with-the-wso2-integration-platform/

♦ Associate Software Engineer
   WSO2 Inc. - July 15, 2014 - March 31, 2015.

   Duties and Responsibilities

   - Worked with WSO2 products: WSO2 ESB/EI, WSO2 IS, WSO2 APIM, WSO2 Store and Ballerina.
   - Developed mediators and extensions for WSO2 ESB/EI:
     ○ Connectors - Worked on multiple SAAS platforms and protocols(Eg: Salesforce, Shopify, Amazon, Google, JMS, Kafka, etc.)

- Developed WSO2 IS extensions: TOTP authenticator and JWT grant handler.
- Developed integration scenarios with EI connectors for various business requirements.
- Participated on on-site and off-site customer engagements and community engagements such as meetups and webinars.
    - Conducted a webinar on [Cloud-to-cloud integration with WSO2 Enterprise Service Bus.](#)

♦ Temporary Lecturer
   Department of Computer Science, Faculty of Science, University of Jaffna (May 2, 2014 – July 2014).

♦ Temporary Instructor
   Computer Unit, Faculty of Science, University of Jaffna (13th May 2013 – 30th April 2014).

Education

♦ **B.Sc. (Hons) Special Degree in Computer Science 2008-2013 - 2nd Upper (GPA - 3.61 out of 4.0). -** Faculty of Science, University of Jaffna, Sri Lanka.

♦ **Chundukuli Girls' College**
   1998 Jan - 2006 Aug
   G.C.E Advanced level in Mathematics Stream 2006 with the results B and 2C.
   G.C.E Ordinary level 2005 with the results 5 A 2B 3C.

Projects

An Adaptive User Interface for Mobile Web Application	Designed an adaptive user interface for mobile web applications based on fuzzy logic. Supervised by Dr.K.Thapotharan, Dileepa Jayathilake.
Blood Bank Management System	Developed a database management system to manage the processes of the Blood Bank System- Group project. – Supervised by Mr.S.Suthakar.
Student Management System	Developed a database management system to manage student's details for the Faculty of Science, University of Jaffna- Group project. - Supervised by Dr.K.Thapotharan.

Awards

- **Sabalingam Memorial Prize for the Best Performance in the Honours Degree Examination in Science (Computer Science) – 2011**
  - Faculty of Science, University of Jaffna, Sri Lanka.

Publications and Participations

- Poster publication- "An Adaptive User Interface for Mobile Web Application" ,Sri Lanka Student Workshop on Computer Science (SLWCS), University of Jaffna, 14th December 2013.
- Training workshop on Mobile Application Development using HTML5, Jaffna, 11th August 2013.
- Jaffna University International Research Conference (JUICE), University of Jaffna, 20-21 July 2012.
- Participated in Yarl Geek Challenge season 1, 2012.
- Sri Lanka Student Workshop on Computer Science (SLWCS), University of Jaffna, 08th December 2011.
- Learning Solutions Technical Training on LAN Structured Cabling System, University of Jaffna, 18th &19th March 2011.
- International Conference on Information and Automation for Sustainability (ICIAfS) 2010 Post Conference Workshop on ICT for Sustainability, University of Jaffna, 21-22 December 2010.
- 2010 Conference on Free and Open Source Software organized by the Lanka Software Foundation and the Department of Computer Science, University of Jaffna, 2nd February 2010.

Activities

- Written an article : https://wso2.com/library/articles/2017/01/article-building-your-integration-scenario-with-the-wso2-integration-platform/

- Conducted a webinar on Cloud-to-cloud integration with WSO2 Enterprise Service Bus.
- Conducted a workshop in University of Jaffna on "WSO2 products extensions" in 2016.
- Mentored team in Yarl Geek Challenge season 5, 2016.
- Conducted meetups for students at WSO2(pvt) Limited on "WSO2 Enterprise Service Bus(ESB) and ESB connectors" 2016.
- Conducted seminars and workshops regarding website development technologies (CSS, CMS-joomla) for school students to prepare them for a website development competition, organized by the Computer Society of the University of Jaffna and Provincial Education Department, Northern Province.
- Member of Computer Society, University of Jaffna in 2012.

Personal Details

- **Date of Birth** : 12.11.1987
- **Marital Status :** Married
- **Interests** : Painting, Craft works, Music & Movies.

Referees

Malaka Silva,
Senior Tech Lead/ Team Lead,
Content Management & Solutions(pvt) Ltd,
Level 10, 'Access Towers', 278, Union Place,
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Dr. A. Ramanan,
Senior Lecturer ,
Department of Computer Science,
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University of Jaffna.
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tel: +94 776701155

   I hereby certify that the above mentioned particulars are true and correct to the best of my knowledge.

22/06/2023   S.Keerthika

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   Date   Signature