



Harsha Wijendra

Date of birth: 19/05/1991 | **Nationality:** Sri Lankan | **Phone number:** (+65) 83765611 (Mobile) |

Email address: harsha.wijendra.career@gmail.com | **Website:** <https://www.harshawijendra.com> |

LinkedIn: <https://www.linkedin.com/in/harsha-wijendra-22285b47> |

WhatsApp Messenger: <https://wa.me/6583765611> |

Address: 35 Lorong 20 Geyland #08-07, Treasures @G20 Singapore, 39875, Singapore, Singapore (Home)

ABOUT ME

As a **Lead Software Engineer** with 8 years of experience, I specialize in **JavaScript**, building scalable web, mobile, and backend systems using **React**, **Node.js**, and **NestJS**. My focus is on solving complex problems, writing clean code, and mentoring teams to deliver high-quality software.

I'm passionate about leading projects that push technical boundaries and create impactful solutions.

WORK EXPERIENCE

01/09/2023 – CURRENT Singapore

LEAD SOFTWARE ENGINEER OBVIOHEALTH PVT LTD

Promoted from Senior Software Engineer at ObvioHealth

- **Team Leadership & Mentorship:** Spearheaded a dynamic development team, driving project execution from concept to delivery. Mentored junior engineers, fostering a culture of continuous learning and ensuring the timely delivery of robust software solutions.
- **Architectural Design & Best Practices:** Led the design and implementation of scalable, efficient architectures, optimizing workflows and introducing industry best practices to enhance code quality and performance across multiple projects.
- **Code Excellence:** Authored clean, maintainable code adhering to best practices and coding standards. Conducted thorough code reviews to ensure code quality, maintainability, and adherence to standards.

Technologies - React, Redux-Toolkit, Chakra-UI, NestJS, ExpressJS, MongoDB, Microservices, ArgoCD, ArgoCI, K8s, Kafka, Docker, Gitlab, Jest, Cucumber-Gherkin, Backstage

05/06/2023 – 31/08/2023 Singapore

SENIOR FULL-STACK SOFTWARE ENGINEER OBVIOHEALTH PVT LTD

ObvioHealth

Virtual Research Organization (VRO) based in New York, USA, specializing in decentralized clinical trials.

Senior Full Stack Developer

- **Product Development & Mentorship:** Led the development, improvement, and maintenance of scalable web applications. Mentored junior developers, integrating efficient technologies to drive innovation and enhance the development process.
- **Full Stack Development:** Designed and implemented web applications using React, Redux Toolkit, and NestJS. Developed RESTful APIs and microservices, ensuring seamless communication between front-end and back-end systems.
- **Collaboration & Best Practices:** Worked with cross-functional teams to translate business requirements into technical solutions. Partnered with the Director of Architecture to adopt best practices and streamline CI/CD processes.

Technologies - React, Redux-Toolkit, Chakra-UI, NestJS, ExpressJS, MongoDB, Microservices, ArgoCD, ArgoCI, K8s, Kafka, Docker, Gitlab, Jest, Cucumber-Gherkin, Backstage

04/07/2022 – 31/05/2023 Singapore

SENIOR SOFTWARE ENGINEER BITSMEDIA PVT LTD

Headquartered in Singapore, Bitsmedia is the publisher of Muslim Pro and Qalbox online streaming global platforms with over a hundred million downloads.

Develops and takes the lead on features for the streaming platform. With a ReactJS micro-frontend architecture and back-end developed using NodeJS (cloud functions). With a great focus on performance optimization and content security.

Key Responsibilities

- **Full Stack Development:** Take a senior role in designing, coding, testing, and debugging video steaming applications across the entire technology stack. Develop robust and scalable solutions using both front-end and back-end technologies.

- **Team Collaboration and Mentoring:** Work closely with cross-functional teams, including UI/UX, product managers, and other developers, to understand project requirements and deliver high-quality software solutions. Mentor junior developers, provide technical guidance, and facilitate knowledge sharing within the team.
- **System Analysis and Problem-Solving:** Conduct thorough system analysis to identify software requirements and develop technical solutions. Solve complex technical problems and debug issues across the entire application stack. Apply critical thinking and problem-solving skills to deliver efficient and effective solutions.
- **Code Reviews and Quality Assurance:** Perform code reviews to ensure adherence to coding standards, best practices, and maintainable code. Collaborate with quality assurance engineers to develop and execute test plans, ensuring the delivery of high-quality software with minimal defects.

Technologies - React, Redux-Toolkit, MaterialUI, Node, Express, Jest, Firebase, Micro-frontends, Lerna, Single SPA, ElasticSearch, GitHub Actions, Realtime DB, Serverless, GCP, Postgres, TizenOS

01/10/2019 – 01/06/2022 Sri Lanka

ASSOCIATE TECHNICAL LEAD GAPSTARS (LK) / FIXICO (NETHERLANDS)

About the Company

A top tech firm in Amsterdam transforming car repair management with digital solutions. Leading teams in Sri Lanka and Amsterdam, utilizing **Next.js** and **React**.

Key Responsibilities

- **Technical Leadership:** Guide the front-end team, define strategies, and ensure best practices.
- **Project Planning:** Define requirements, scope, and timelines. Oversee task distribution and progress.
- **Front-End Development:** Develop and debug applications with **React.js** and **Next.js**. Create responsive UIs.
- **Code Reviews & QA:** Ensure code quality and collaborate with QA for thorough testing.
- **Mentoring & Coaching:** Mentor team members, organize training, and support professional growth.
- **Collaboration:** Facilitate team communication, document decisions, and update stakeholders.
- **Continuous Improvement:** Stay updated on trends, evaluate new tools, and propose process enhancements.
- **Team Management:** Assist with hiring, onboarding, and performance evaluations.

Technologies: Next.js, React, Redux Toolkit, Material-UI, GitHub, Storybook, CI/CD (CircleCI), Cypress, Jest, TypeScript, Micro-frontends

01/10/2018 – 29/09/2019

SENIOR TECHNICAL CONSULTANT ARITHMOS TECH (URBAN.LK)

Led a development team through the full software lifecycle, from client requirements to final delivery. Specialized in **Magento** for e-commerce and full-stack custom web development.

Key Responsibilities

- **Team Management:** Direct and support the development team for efficient project execution.
- **Project Planning:** Define project scope, timelines, and resources. Track progress and manage risks.
- **Client Engagement:** Understand and address client requirements with technical solutions.
- **Technical Expertise:** Guide architecture, design, and best practices for high-quality solutions.
- **Quality Assurance:** Ensure software quality through robust QA processes.
- **Documentation:** Maintain clear documentation for requirements, designs, and implementations.
- **Risk Management:** Identify technical risks and develop strategies for mitigation.

Technologies: React, Redux, SCSS, Chakra UI, Node.js, Microservices, PHP, Magento v1/v2, Web API, Express.js, Jira, Kafka, REST APIs, Git, MySQL

01/06/2015 – 30/08/2018 Sri Lanka

ASSOCIATE ESCALATIONS LEAD SYSCO LABS COLOMBO / SILICON VALLEY (US)

A leading Fortune 500 company in the United States, provided an end-to-end solution to every operation in a restaurant. Troubleshoots and develops software solutions related to software and setup errors for company software products. Creates workaround procedures when standard procedures have failed and ensures issues are resolved in a timely fashion. Escalate urgent bugs requiring more in-depth knowledge to appropriate internal project managers.

Key Responsibilities

- **Front-End Development:** Act as the lead software engineer, actively involved in debugging, coding, and testing.
- **Front-liner:** Acted as the associate lead for the main contact point software team in the company that handles bug incidents, ensuring adherence to best practices, coding standards, and architectural guidelines.
- **Proactive / Reactive Solutions:** Provided bug fixes, created workaround procedures, and pushed solutions to production. While reporting incidents and creating proactive fixes.
- **Team Management:** Lead and manage a development team, ensuring efficient project execution and fostering a collaborative work environment.

Technologies - React, Nodejs, Redux, CouchDb, NoSQL

EDUCATION AND TRAINING

01/06/2014 – 01/09/2018 Sri Lanka

BACHELOR'S DEGREE, COMPUTER SCIENCE University of Greenwich

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Frontend

Redux | StoryBookJS | HTML | CSS | TailwindCss | Javascript | JavaScript | MaterialUI | Sass | ReduxToolkit | NextJS | React / React Hooks | LernaJS | Chakra-UI | Nextjs

Backend

ORM | MongoDB | Nestjs | Expressjs | Nodejs | PostgreSQL | Typescript | MySQL | Microservices | SQL | TypeORM | RabbitMQ / Kafka | Redis

Deployments / Version Control

Continuous Integration Continuous Delivery | CircleCI | Kubernetes/Google Cloud Platform | Docker | ArgoCD | ArgoCI | Git (Github / Gitlab)

Testing

Cypress | JEST | React-testing-library | Cucumber-Gherkin