







Chamal Perera

Tech Lead

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PRESENCE

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EDUCATION

Master of Computer Science
University of Colombo School of Computing

January 2015 - June 2018

Bachelor of Computer Science
University of Colombo School of Computing

August 2010 - April 2014

PROFILE

Seasoned Tech Lead with over 10 years of software development experience, specializing in frontend and full-stack roles. Proficient in React.js, Node.js, and AWS, with a proven track record of modernizing legacy systems, enhancing application performance, and leading successful project teams. Passionate about leveraging the latest technologies to create user-centric solutions. Seeking to bring a blend of leadership and technical expertise to a challenging Senior Developer role where innovative and efficient software solutions are valued.

WORK EXPERIENCE

Tech Lead March 2023 - Present

Digital Blue Foam I Singapore

- Led a developer team to finish projects together and on time.
- Managed web/app interface development from start to finish, ensuring quality.
- Started and guided frontend strategies for building strong projects right from the start.
- Coached junior and mid-level engineers to grow their skills.
- Reviewed code closely to make sure it was well-written and followed best practices.

Full Stack Software Engineer April 2021 - March 2023

Digital Blue Foam I Singapore

- Updated legacy apps to use React and Three.js, making our apps faster and better.
- Helped make our apps work smoother and quicker, which is really important for our AEC customers.
- Created a new undo/redo option that made our apps easier to use and design with.
- Worked with different teams to build apps that are easy for people to use, have strong backends, and work well on desktops, using the latest tech.

Tech Lead February 2018 - April 2021

L K Simulations (Private) Limited I Colombo

- Llled projects from planning to delivery, achieving strong outcomes.
- Took part in every software development phase, including client planning, testing, and support.
- Coded and helped make our tech better and faster.
- Managed our AWS setup to keep our apps running smoothly and reliably.

SKILLS

- React
- Redux
- Javascript
- HTML
- CSS
- Node.js
- express.js
- Material UI
- Git
- MongoDB
- MySQL
- AWS
- Jest
- Typescript
- React Testing Library
- Webpack

Associate Tech Lead

January 2017 - February 2018

L K Simulations (Private) Limited | Colombo

- As an Associate Tech Lead I was involved with the development of software applications and leading development teams at the company.

Senior Software Engineer

August 2015 - January 2017

L K Simulations (Private) Limited | Colombo

- As a Senior Software Engineer I was involved with the developing software applications and mentoring junior developers at the company.

Research Assistant/Research Consultant April 2014 - December 2017

University of Colombo School of Computing | Colombo

- Designed, developed and successfully deployed Electronic Logbook and Fishery Management Support System for Department of Fisheries and Aquatic Resources (DFAR), Sri Lanka.
- Revamped the existing Siyara Vessel Traffic Monitoring System research project and deployed successfully at Sri Lanka Coast Guard headquarters.
- Active Contributor to the existing Vidusayura ship handling simulator research project and successfully deployed at Ocean University, Sri Lanka.

Trainee Developer

July 2013 - January 2014

University of Colombo School of Computing | Colombo

- Contributed to the existing Siyara Vessel Traffic Monitoring System research project.
- Presented Siyara VTMS at National Best Quality Software Awards (NBQSA) 2013 and the project was awarded Overall Gold Award and Research and Development Category Gold Award.
- Represented Sri Lanka at Asia Pacific ICT Alliance Awards 2013, Hong Kong and presented Siyara VTMS.

AWARDS AND ACHIEVEMENTS

APICTA 2013 Sri Lanka Representative, Hong Kong

November 2013

NBQSA 2013 Overall Gold Award, Colombo

Best software product of the year in Sri Lanka.

August 2013

NBQSA 2013 Research & Development Gold Award, Colombo

Best research and development software product of the year in Sri Lanka.

August 2013

PUBLICATIONS

[Bringing 3D to Life: Integrating Three.js with React, Redux and MUI](#)

[Implementing a Robust Undo/Redo Mechanism in a 3D Application with Redux](#)