Chamal
Perera

Tech Lead

CONTACT ME

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PRESENCE

 chamallakshika09

 chamal-perera

 chamallakshika09

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

Tech Lead with 10 years in making websites and apps. Good with React.js, Node.js, and AWS. I've made old systems better and led teams on many projects. Looking to join a new place where I can solve tough problems and help us both grow. Ready to bring in new ideas and tech.

WORK EXPERIENCE

Tech Lead   March 2023 - Present
Digital Blue Foam l 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 l 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 l Colombo

- LLed 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.

Associate Tech Lead   January 2017 - February 2018
L K Simulations (Private) Limited l 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 l Colombo

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

- React

- Redux

- Javascript

- HTML

- CSS

- Node.js

- express.js

- Material UI

- Git

- Mongodb

- MySQL

- AWS

- Jest

- Typescript

- React Testing Library

- Webpack

Research Assistant/Research Consultant   April 2014 - December 2017

University of Colombo School of Computing l 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 l 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