Chathurika Wijekoon

Senior UI/UX Engineer

An energetic, excellent team worker with good communication skills and a passion for converting impossible tasks into possible achievements with logical thinking, smart working, and experience in the industry for more than six years, who is willing to become a skilled professional in the field of IT while maintaining a strong commitment to both organizational and individual goals.

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TECHNICAL SKILLS

Angular 2 - 12 | AngularJS | Angular CLI | TypeScript | JavaScript | HTML5 | CSS3 | SCSS | SASS | jQuery | Bootstrap | webpack | Angular Material | Ajax | JSON | AG-Grid | PrimeNG | GIT | AWS | JIRA | Confluence | Gulp | Micro-Frontend | NPM | Agile Development | Responsive Web Design (RWD) | Scrum | Yarn | Monorepo | Software Development Life Cycle (SDLC) | MS Visual Studio Code | MS Visual Studio | MVVM | Accessibility | Enterprise Application Development | Image Processing | Audio Processing | MATLAB | Opencv 3.1 | MVC 5 | ITCSS Architecture | BEM Methodology

EDUCATION

BSc (Hons.) Degree in Information Technology
University of Moratuwa, Sri Lanka
04/2013 - 07/2017

WORK EXPERIENCE

UI/UX Engineer
BlackSwan Technologies
05/2021 - Present
Achievements/Tasks

- Working as the lead UI/UX Engineer in the APS department.
- Working closely with designers to ensure the technical feasibility of UI/UX designs.
- Translating designer mock-ups and wireframes into front-end code and building reusable code and libraries.
- Developing 'BST Material Design' according to the best UI practices.
- Conducting UI/UX reviews for UI tasks in all projects and supporting front-end developers to fix styling issues.
- Technologies – Angular 2-12, AngularJS, TS, JS, HTML5, CSS3, SASS, jQuery, Bootstrap, webpack, Angular Material.

UI Engineer
RN Solutions
10/2017 - 04/2021
Achievements/Tasks

- Develop new user-facing features for a Project Management System (EXPERTENTIAL).
- Support front-end developers to implement approved designs.
- Technologies – Angular 2-8, HTML5, CSS3, JavaScript, TypeScript, jQuery, AJAX, Bootstrap, PrimeNG.

Front End Engineer (Intern)
Data Management Systems (DMS)
03/2016 - 08/2016
Achievements/Tasks

- Develop new user-facing features for an ERP System.
- Technologies – AngularJS, HTML5, CSS3, Bootstrap, JavaScript, jQuery.

PROJECTS CONTRIBUTED

BST Material Design System (Style Guide with Reusable Component Library) (2021 - Present)
- The BST Material is a design system created by BST to help teams build high-quality digital experiences for web applications.
- It develops by following best UI practices and includes a style guide and a collection of reusable components, guided by clear standards of Google Material Design, that can be assembled together to build any number of applications.
- SCSS File Architecture: ITCSS; Naming Convention: BEM
- Tools and Technologies: Angular 12, HTML, SCSS, TypeScript, webpack, Angular Material, CI/CD, Jenkins, GIT, AWS, JIRA
- URL: **https://style-guide.xara.ai/ (Single developer project)**

BST Theme Builder (2022 - Present)
- The BST Theme Builder is created to customize and control every element of BST applications like backgrounds, text styles, border-radius etc.
- Tools and Technologies: Angular 12, HTML, SCSS, TypeScript, webpack, NPM, Angular Material, Micro-Frontend, S3 bucket, GIT, AWS, JIRA

BST ELEMENT of Compliance (2021 - Present)
- Award-winning Knowledge Graph-based Financial Crime Compliance solution.
- Tools and Technologies: AngularJS, Angular 2-12, HTML, CSS, SCSS, JavaScript, jQuery, TypeScript, webpack, NPM, Angular Material, Bootstrap, AG-Grid, GIT, AWS, JIRA, gulp, JSON, Agile methodology, Scrum

Expertential: Augmented Intelligence Platform - Project Management System (RN Solutions) (2017 - 2021)
- Expertential enables organizations to become digital knowledge worker organizations and finish jobs expertly & efficiently for ½ the cost.
- Augmented Intelligence for knowledge worker organizations combines the best of: human + computer + software + AI to achieve the highest quality and productivity.
- Types of Organizations: Accounting firms, Legal firms, Doctors' Administration, Online Marketing & Social Media; Outsourcing for any knowledge worker organization.
- Tools and Technologies: AngularJS, Angular 2-8, HTML5, CSS3, SCSS, JavaScript, TypeScript, webpack, NPM, Bootstrap, jQuery, JSON, AJAX, PrimeNG, TFS Version Control, Agile methodology, Scrum

ERP System for Sathosa Motors PLC - (DMS) (03/2016 - 08/2016)
- This ERP System includes different modules such as Vehicle Registration, Warranty Replacement, Discount Schemes, Tax Schemes, Job Processing, Material Requests, Job Estimates, and Generate Reports.
- Tools and Technologies: AngularJS, HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, Agile methodology, Scrum

Volleyball Highlight Generating System (Final year project - UOM) (2016 - 2017)
- Research project
- A system to extract highlights from full volleyball match video and generate highlight video segments automatically with the use of computer vision technologies like image processing, video processing, and audio processing.
- Tools and Technologies: MATLAB, Opencv 3.1

Hospital Management System – Web Application (2nd Year Project - UOM) (2015)
- A hospital information system is used to support the staff and patients to easily manipulate the information flow within the hospital.
- Developed desktop application for internal usage and public website for external usage.
- Tools and Technologies: C#, .NET, MVC 5, HTML5, CSS3, Bootstrap, JavaScript, jQuery, MSSQL.

ACHIEVEMENTS

Dean's listed for the end-semester examination – L1S1 (2014)
Faculty of Information Technology - University of Moratuwa

Best Student at Preliminary Certificate in Marketing (SLIM) (2012)
conducted by Sri Lanka Institute of Marketing

Third place at the DE SOYSA Challenge Trophy competition (2006)
conducted by the National Cadet Corps

LANGUAGES

English
Full Professional Proficiency

Sinhala
Native or Bilingual Proficiency

REFERENCES

Mr. Chalitha Wikramathilaka
"MD-SL, BlackSwan Technologies"
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Dr. Lochandaka Ranathunga
" Head of IT Department, University of Moratuwa"
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