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| |  |  | | --- | --- | |  | Samuel Lawerence  Lead/Senior Frontend Engineer | | |
| |  |  | | --- | --- | |  | Profile Senior Frontend/UI Engineer with 6+ years of immense wisdom in modern frontend technologies. Proven leader in impactful projects, optimizing performance, and mentoring teams. Committed to superior front-end solutions and team development. |  |  |  | | --- | --- | |  | Employment HistorySDE 2 - UI at Plivo Inc., Bengaluru April 2021 — Present   * Hands-on experience with**Electron, ReactJS, Redux, Saga, RollupJS, and Storybooks** * Engineered a**generic component library**to maintain consistent UI across all applications * Reduced gap between design and dev teams by using the**Figma API**to create an**Asset Generator** * **Optimized and refactored code**to reduce tech debt and improve performance, with a focus on CSS optimization * Managed Junior Engineers, and handled code reviews, deployments, and release processes  Senior Frontend Developer at Plivo Inc., Bengaluru June 2019 — March 2021   * Improved page speed of Plivo website from 64 to 98 by optimizing HTML and removing jQuery * Moved deployment infra from S3 to Netlify, reducing build time 6x (20mins to 3mins) * Integrated with analytics platforms (GA, Heap, Hotjar) to support growth team * Achieved 60fps pixel-perfect animations as provided by the design team * Connected and visualized large datasets from databases via RestAPIs  Software Engineer - Web/UI Development at Burning Glass Technologies, Salem May 2017 — May 2019  This is my first job which helped me build a strong foundation on my basics. I started as a C++ developer developing DLLs.  Then I moved to the web development team where I worked with Highcharts and visualized BigData. This gave me immense knowledge of**CSS Positioning and Layouts.** |  |  |  | | --- | --- | |  | EducationBachelor of Engineering (ECE), Dr. Mahalingam College of Engineering and Technology, Coimbatore August 2013 — May 2017  Received the Best Outgoing Student Award and graduated with a**GPA of 8.7.**This college helped be lay the foundations of my programming skills. |  |  |  | | --- | --- | |  | Professional ProjectsContacto April 2021 — Present  Contacto is an omnichannel customer service platform with built-in support for chat, calls, social, and messaging.   * Took end-to-end responsibility for features like API Integration, and In-App Chat, which are vital for the product. * Handled the Notification API for the product, and had to consider cross-platform concerns for both Windows and Mac. * Suggested architectural changes that improved the performance of the app. * Created a Generic non-blocking EventBus for PubNub which is able to handle a large number of concurrent events. * Was one of the first software engineers to develop this product from scratch.  Plivo Website May 2019 — March 2021  Handled 2000+ page website single-handedly. Improvised the design and implementation.   * Created complex and smooth animations using**d3 and CSS keyframes**-[Zentrunk Globe Animation](https://www.plivo.com/sip-trunking/) * Tech stack - HTML5, KnockoutJS, CSS3, VanillaJS, UnderscoreJS, Ruby, Jekyll, AJAX, D3, NodeJS, Axios, AWS S3 * URL -<https://www.plivo.com/>  InfraCloud.io October 2020 — December 2020  This was a freelance project that I completed within a month. This is a project that I handled completely starting from development to deployment.   * URL -<https://www.infracloud.io/>  Labor Insight May 2017 — May 2019  This is a a Labor Workforce Application where we visualized very large datasets into easily understandable charts with intuitive UI.   * Used**RestAPIs**extensively to connect with the data store * Tech stack - KnockoutJS, KendoUI, Bootstrap4, DurandalJS, Typescript, ASP .NET * URL -<https://laborinsight.burning-glass.com/us> |  |  |  | | --- | --- | |  | Personal ProjectsMy Portfolio This is my portfolio website and blog where I post regularly.   * Tech stack - React, GatsbyJS, HTML2Canvas, UnsplashAPI, CSS3 * [http://samuellawrentz.com/](http://samuellawrentz.com/free-quotes-image-generator-online/)  Pastenser A simple tool that would give you the past tense of an entered verb. This contains both front-end and backend development.   * Tech stack - KnockoutJS, CSS3, ExpressJS, Heroku * URL -[https://samuellawrentz.com/projects/pasttenser](https://samuellawrentz.github.io/PastTenser/)  Network Chart A custom network chart built using highcharts right from scratch. This chart can be used to visualise relation between two or more components.   * Tech stack - Highcharts, Vanilla JS, SVG * <https://samuellawrentz.github.io/highcharts-networkChart/>  Offshore Writings Secondary personal blog which has motivational articles and poems and is updated regularly.   * Tech stack - Wordpress * URL -<https://offshorewritings.com/> |  |  |  | | --- | --- | |  | InternshipsSoftware Engineer Intern at Burning Glass Technologies, Salem December 2016 — March 2017  This internship helped me to understand what programming would look like in the software industry. This eased my transition from college into the professional world. |  |  |  | | --- | --- | |  | Declaration All the above mentioned are true to the best of my knowledge. | |  | Get in Touch Coimbatore, +919791603078  [samuellawrentz@gmail.com](mailto:samuellawrentz@gmail.com) Projects and links [Personal Blog and Website](https://samuellawrentz.com/)  [Cubic Portfolio](https://samuellawrentz.github.io/cubic-portfolio/)  [LinkedIn](https://www.linkedin.com/in/samuel-lawrentz/)  [GitHub](https://github.com/samuellawrentz)  [Codepen](https://codepen.io/samuellawrentz) Skills Core - ReactJS, HTML5, CSS3, JavaScript, TypeScript, JSX  Frontend Frameworks - React, KnockoutJS, jQuery, JAMStack, ElectronJS  Backend - NodeJs, RestAPI, Express, Python  Data Visualization - Highcharts, D3, HTML Canvas  Problem Solving Hobbies Automating stuff, converting ideas to code, singing, playing piano, and producing music. |