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|  | Samuel LawerenceLead/Senior Frontend Engineer |

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|  | ProfileSenior 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. |

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|  | Employment HistorySDE 2 - UI at Plivo Inc., BengaluruApril 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., BengaluruJune 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, SalemMay 2017 — May 2019This 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.** |

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|  | EducationBachelor of Engineering (ECE), Dr. Mahalingam College of Engineering and Technology, CoimbatoreAugust 2013 — May 2017Received the Best Outgoing Student Award and graduated with a**GPA of 8.7.**This college helped be lay the foundations of my programming skills. |

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|  | Professional ProjectsContactoApril 2021 — PresentContacto 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 WebsiteMay 2019 — March 2021Handled 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 2020This 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 InsightMay 2017 — May 2019This 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>
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|  | Personal ProjectsMy PortfolioThis 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/)

PastenserA 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 ChartA 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 WritingsSecondary personal blog which has motivational articles and poems and is updated regularly.* Tech stack - Wordpress
* URL -<https://offshorewritings.com/>
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|  | InternshipsSoftware Engineer Intern at Burning Glass Technologies, SalemDecember 2016 — March 2017This internship helped me to understand what programming would look like in the software industry. This eased my transition from college into the professional world. |

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|  | DeclarationAll the above mentioned are true to the best of my knowledge. |

 |  | Get in TouchCoimbatore, +919791603078samuellawrentz@gmail.comProjects 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)SkillsCore - ReactJS, HTML5, CSS3, JavaScript, TypeScript, JSXFrontend Frameworks - React, KnockoutJS, jQuery, JAMStack, ElectronJSBackend - NodeJs, RestAPI, Express, PythonData Visualization - Highcharts, D3, HTML CanvasProblem SolvingHobbiesAutomating stuff, converting ideas to code, singing, playing piano, and producing music. |