| ***Sagun Shrestha***  **Full Stack Web Developer | Manufacturing Engineer| US Citizen**   | **Phone (**818)-930-0018  **Email: fssagunshrestha@gmail.com** | **LinkedIn** [https://linkedin.com/in/sagun-shrestha-tech](https://www.linkedin.com/in/sagun-shrestha-tech)  **GitHub** <https://github.com/slavdefense>  **Website** <https://sagunshrestha.tech> | | --- | --- | |
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* Experienced in designing and developing Single Page Web Application (SPA) using Express Js, React Js and Node.js with Technologies/scripting language such as CSS, SASS, Bootstrap, Tailwind and HTML with clear understanding of CSS principles to create scalable and maintainable cross browser code as per Figma design.
* Clear understanding and experience of Tech stacks like Web-Pack, Docker and Babel, PostgreSQL, MongoDB GitHub Actions. Collaborated regularly on GitHub Actions/ project board, Slack, Google Drive.
* Good programming experience in JavaScript and Python/Django.
* Excellent interpersonal abilities, communication skills, time management and Team skills with an intention to work hard to attain project deadlines under stressful and fast paced environments.

***Experience***

| **2021-12** **- Current** | **Front End Developer**  *Hack For LA, Los Angeles, CA*   * Built React components and managed State following Figma design architecture. * Collaborated with project managers, UI/UX designers, and backend Engineers to select ambitious, but realistic coding milestones on pre-release software project development. * Designed REST calls using React to streamline user interface performance. * Maintained high-level expertise in React state management strategies. * Managed full-cycle design tasks, handling phases from conception to completion while maintaining guidelines throughout. |
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| **2020-10** **- 2022-01** | **Software Engineer Fellow**  *General Assembly, New York, New York*   * Collaborated with cross-functional development team members to design and create MERN stack applications based on evolving industry requirements. * Build and scale applications with React hooks, local Storage and debouncing techniques for form validation with cross browser compatibility. * Used Git to track project versions. * Analyzed code defects and failures and presented code refactors and design fixes. |
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| **2020-01** **- 2021-09** | **Product Engineer**  *Honey Guide Inc, Kathmandu*   * Tested completed projects for functionality and implemented changes to production methods to rectify issues in final products. * Drove continuous improvement culture in engineering to provide clear product design standards, improve manufacturability through enhanced documentation, and reduce engineering cycle time. * Consulted with the marketing department about product upgrades and failures in service and discussed methods for remediation. Increased cost saving by 10%. |
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| **2017-02** **- 2020-01** | **Manufacturing Engineer**  *Donaldson Aerospace & Defense, Valencia, Valencia, CA*   * Reduced scrap on filter assembly Increased efficiency to 25% by redesigning facility layout and creating efficient workflow reducing cycle time, lead 6s events with continuous improvement principles. * Target engineer for Pilot runs on newly designed assemblies, development and creation with 98% pass rate on assemblies. |
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| **2012-02** **- 2014-02** | **QA Analyst**  *Google Inc, Mountain View, CA*  • Led a team of 8 to achieve daily quotas on books documentation on https://books.google.com/. • Manufactured electronic copies using (OCR) optical character recognition and stored it in a digital database. • Launched quality checks (more than million) titles using ReCAPTCHA. |
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***Education***

| **2021-10** - **2022-01** | **Full Stack Software Engineering: Software Engineering Immersive**  *General Assembly - New York, NY* |
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| **2013-02** - **2017-12** | **Bachelor's Degree: Manufacturing Systems Engineering**  *California State University - Northridge, CA* |
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***Projects***

| **Slot Machine** - Game applicationJavascript control flow with sequence, branching and looping. Html, Sass, Animate CSS, JavaScript [Project-Link](https://sagun-shresthaslotmachine.surge.sh/) |
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| **Backlog-Bug Tracker -** MERN stack App with React hooks. Restful web services calls. Third party API and Cloud storage API. Google auth with mongoose atlas and Node.  [Project-Link](https://backlog-bugtracker-app.herokuapp.com/) |
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| **Bike Trail Review -** Full Stack MEN Used Multer with Cloudinary to upload images and files with API calls and promises. Deployed with Heroku [Project-Link](https://mountain-bike-trail-sagun.herokuapp.com/trails) |
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| **Airbnb for Cars -** Full Stack Python Django App Python, Django,PostgreSQL, AWS [Project-Link](https://rentorlistcars.herokuapp.com/) |
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***Software***

| **Operating Systems** Windows, XP, Mac OS, Linux Tools: Solid works, AutoCAD, Adobe Photoshop, MS Visio & PowerPoint, Teamwork, Server Studio, Google Suite, Zoom |
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***Language***

| **Front End-** Html, CSS, SCSS, Sass, EJS, JSX, Bootstrap, Tailwind, Bulma, React Js |
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| **Back End**- Python, Django, Node Js, Express JS, MongoDB, PostgreSQL, Google AUTH Cloud: Heroku, Docker, Web-Pack, VS Studio, Microsoft Azure |
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