**Brian Lara** | Software Engineer

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**SUMMARY**

I’m a full-stack developer, with an endless creative mind and a passion for building products from scratch. My previous career as a Commercial Roofing Forman, allowed me to develop skills in problem solving and working collaboratively with teams in deadline driven environments. I am excited to combine my technical and people skills to help companies and their engineering teams succeed.

**TECHNICAL SKILLS**

HTML **|** **JavaScript** **|** CSS **|** **React** **|** Vue | **Sequelize** **|** Node **| postgreSQL** **|**  MongoDB **| Express |** Flask | **Python** | Bootstrap | **Tailwind |** Git

**SOFTWARE ENGINEERING PROJECTS**

**Valormore (E-commerce Website) |** Solo Project **|** React, Vanilla CSS, MongoDB, Express, Node

Full-Stack | [Live](https://valormore.herokuapp.com/) | [Github](https://github.com/BrianDLara/Valormore)

* Design a look-alike e-commerce website to test my MERN skills and see how I could apply them in a independent contractor environment.
* Expanded my knowledge of CSS by deploying an app without the use of front-end frameworks such as bootstrap or tailwind.

**Student Registry (grade tracker) |** Team Hackathon Project **|** React, Bootstrap, Sequelize, Express**,** postgreSQL

Full-Stack | [Live](https://thrill-rides.herokuapp.com/) | [Github](https://github.com/BrianDLara/student-registry-frontend)

* Challenged our knowledge in a 30 hour hackathon match agains 14 other teams by creating a fully functional and fully deployed Frontend and Backend project.
* Sharpened our communication skills by keeping close contact through zoom and a trello.
* Strategized and executed a gameplan to utilize our short time effectivelly.
* Achieved full CRUD (create, read, update, delete) operations hitting all RESTful API calls.
* Created a school page that associates the students and their courses though a joint table that averages out their grades into an overall GPA.

**Space Fighters |** Solo Project **|** Vanilla Javascript, Vanilla CSS

[Live](http://space-fighters.surge.sh/) | [Github](https://github.com/BrianDLara/Space-Fighters)

* *Constructed a space invaders game with pure Vanilla Javascript.*
* Implemented logic such as border and enemy detection, keyboard input, shooting, winning conditions, and score tracking though eventListener, setInterval and grid index location.
* Handled all styling through pure vanilla css

**EXPERIENCE**

**Commercial Roofing | Foreman | Dixie Membrane Roofing Atlanta, GA (06/2012 - 09/2022)**

* Led teams of up to 20 commercial roofers on project management and installation of TPO roofing systems for 80+ high quality projects for clients including Amazon, Hartfield Jackson Airport, Georgia State University and Georgia Aquarium.
* Consulted with project managers on developing creative solutions to unexpected problems that can develop during the construction phase.
* Enhanced soft skills in leadership, time management, and collaboration through mentoring colleagues and helping convey design solutions in Spanish.

**EDUCATION**

**Certificate in Software Engineering, General Assembly** **Remote (09/2022 - 12/2022)**

* Successfully completed a 450+ hour immersive program that went through many different on-demand technologies such as JavaScript, React.js, Node.js, Express.js, PostgreSQL, MongoDB,Vue.js, Python and flask.

**Bachelor’s Degree in Computer Science, Georgia State University Atlanta, GA (2017 - 2019)**