

# 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 Foreman, allowed me to develop problem-solving skills and work 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.

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## TECHNICAL SKILLS

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

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## SOFTWARE ENGINEERING PROJECTS

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

Full-Stack | [Live](#) | [Github](#)

- Design a look-alike e-commerce website to test my MERN skills and see how I could apply them in an 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](#) | [Github](#)

- Challenged our knowledge in a 30-hour hackathon match against 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 Trello.
- Strategized and executed a game plan to utilize our short time effectively.
- Achieved full CRUD (create, read, update, delete) operations hitting all RESTful API calls.
- Created a school page that associates the students and their courses through a joint table that averages out their grades into an overall GPA.

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

[Live](#) | [Github](#)

- *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 through eventListener, setInterval, and grid index location.
  - Handled all styling through pure vanilla CSS
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## 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.
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## 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.