

Joshua Garvey

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SKILLS

Front End: HTML, CSS, Javascript, TypeScript, JSX, React, TailwindCSS, Vite, Netlify

Back End: Node.js, Express, Firebase Functions, JSON Web Tokens, bcrypt, Firebase Authentication, RESTful APIs, Postman, Sanity CMS

Databases: MongoDB, Mongoose, Firebase Realtime Database, Cloud Firestore

DevOps: Git Version Control, Google Cloud Platform (GCP), CI/CD pipelines, Microsoft Azure, Bash, npm

SUMMARY

As a dedicated and enthusiastic web developer, I possess a strong foundation in both frontend and backend development, demonstrated through hands-on experience in creating web applications from scratch. With a keen eye for detail and a passion for coding, I excel at transforming concepts into functional and visually appealing digital solutions.

PROJECTS

3D Developer Portfolio

Solo Development • <https://joshuagarvey.com/> • May 2023 - Present

- Built a creative project that challenges the traditional website experience.
- Displayed a 3D scene in a web browser using Three.js and React Three Fiber.
- Created cameras that move on a linear curve between plot points as the user scrolls.
- Code Repository: <https://github.com/Jgar514/JoshandEllie>

Homie [dot] Mobi

Homie.Mobi • <https://homie.mobi/> • March 2024 - May 2024

- Cut 95% of costs by rewriting a Node.js/Express backend into serverless functions using Firebase, and created a method to store users' contact information in a Firebase Realtime Database.
- Invented a domain search tool using Name.com's domain registrar reseller API, appending the TLD of .mobi, and returning availability.
- Designed a user interface that streamlines and simplifies the purchasing of web services, integrating online payment functionality through Stripe's API with end-to-end testing.
- Set up Sanity headless CMS to add and edit blog updates.
- Code Repository: <https://github.com/HomieMobi/Homie.Mobi>

Stand-up Comedy 3D

Solo Development • <https://thewilliammontgomery.show/> • February 2024 - February 2024

- Displayed a GLTF file in the browser to better market the comedian William Montgomery's brand.
- Successfully marketed the project, getting 20,000 impressions on posts showing the 3D stand-up scene.
- Added icons to link social media channels to a central location.

Full Stack MERN Application

Code Review • <https://github.com/Jgar514/mern-azure> • January 2024 - February 2024

- Utilized Mongoose to model application data, define schemas, and facilitate interaction with MongoDB databases.
- Implemented authentication, session management, and password hashing functionalities.
- Deployed the application using Microsoft Azure Web App Services and implemented CI/CD pipelines for automated deployment.

General Contractor Website

Blackline Contracting • <https://blackline.joshuagarvey.com/> • October 2023 - November 2023

- Created a mobile-responsive design that handles window resizing smoothly.
- Added a custom toggle theme option with Tailwind CSS dark mode and React.
- Mapped through a data file that stores business information (e.g., services) and displays it.

Mobile UI

Solo Development • <https://ui.joshuagarvey.com/> • October 2023 - November 2023

- Designed a user interface with a no vertical scrolling requirement, optimizing layout and usability within constrained space.
- Created tab boxes, horizontal sliders, and popup modals by writing React components and styling them using Tailwind CSS.
- Wrote custom reusable components for mobile UX/UI.

JavaScript Pop-up Advertisement

Solo Development • <https://popup.joshuagarvey.com/> • March 2023 - March 2023

- Leveraged JavaScript to hold users' attention on a poker masterclass advertisement for five seconds.
- Wrote an event listener that triggers the popup function when the user scrolls the page.
- Conditionally rendered a skip button when time requirements are met.
- Created a funnel from the webpage to Daniel Negreanu's Masterclass.

CERTIFICATIONS

Mendix Rapid Developer

Mendix Academy • 2023

Responsive Web Design

freeCodeCamp.org • 2022

EDUCATION

Associate Of Arts

Anne Arundel Community College • Arnold, MD • 2023

EXPERIENCE

Website Developer

Freelance

December 2023 - Present, Annapolis, Maryland

- Develop dynamic and responsive web applications using JavaScript and the React framework.
- Monitor web application performance and user behavior utilizing tools such as Google Analytics and Google Lighthouse reports.
- Integrate payment gateways and e-commerce functionalities into clients' websites to enhance their online presence and facilitate seamless transactions.

Commercial Technician

Premiere Works

March 2017 - July 2022, Sterling, VA

- Facilitated clear communication channels by updating project managers on the progress of commercial projects across Maryland, DC, and Virginia.
- Engaged in client-facing responsibilities for federal government contracting jobs, serving as the primary liaison for effective communication between clients and the company.
- Ensured seamless project execution by effectively briefing and aligning third-party contractors with project requirements, restrictions, and timelines.
- Provided on-site supervision as necessary, optimizing project efficiency and reducing the workload of project managers by 70%.