Josh Green

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PROFILE

Versatile Software Developer with a unique blend of expertise in both hospitality management and software development. Specialising in Javascript, React, Three.js, Node.js, Unity, and C#. Committed to web accessibility, responsive design, and interactive media. Skilled in project management, stakeholder engagement, and team leadership. Looking to pivot into a Junior Software Engineer role.

EDUCATION

University of Roehampton   London, UK
BA English Language and Linguistics   *Sept. 2017 – Feb. 2021*

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, C#, C/C++, SQL.
Frameworks: React, Node.js, Vue, Three.js, Angular, Firebase, AWS, Unity, Unreal.
Developer Tools: Git, Figma, Docker, Google Cloud Platform, VS Code, Visual Studio.

CERTIFICATES

Codecademy Full Stack Engineer Codecademy, Online.   Sept. 2022
Harvard CS50 Harvard via EdX, Online.   Jan. 2023
Google Cybersecurity Professional Certificate Google via Coursera, Online.   Oct. 2023
Diversity and Inclusion Training (Dec. 2019), Disability Awareness Training (Feb. 2021)

PROJECTS

Portfolio Site | *Javascript, React, Three.js, GLSL, AWS Amplify, Blender, CSS, HTML*   Sept. 2023
- Integrated dynamic functionalities of Three.js with the reactive components of React offering users a novel, interactive experience, setting it apart from conventional 2D websites.
- Implemented various optimization techniques, such as lazy loading and compressed textures, ensuring swift load times, even on lower bandwidths.
- Hosted on AWS for scale-ability and modern cloud infrastructure.

Link | Github

Wowdle | *Javascript, React, Firebase, Firestore, Chart.js, Git*   Jan. 2023
- Developed a wordle-esque game based on *'World of Warcraft'* characters.
- Created a Scale-able backend with Firebase Firestore, allowing hot-updating of game content.
- Integrated cookie-based local storage mechanisms. Daily incentives added to promote user retention.
- Displayed users stats with Chart.js.

Link | Github

ES: Record Label Website | *Javascript, Three.js, React, Firebase, AWS, Shopify*   Oct. 2023 – Ongoing
- Developed a custom NoHtml Content Management System to allow for easy management of blog posts via Firebase.
- Created a music streaming system which streams the latest song releases from an AWS bucket.
- Created a 3D equalizer by analysing Audio frequencies and converting to 3D vertex positions.
- Bandcamp and Shopify integration.
- Collaborated with client to ensure desired outcomes.

ALAN | *Javascript, Node.JS, Discord.js, SQL*   Oct. 2019
- Utilized Node.js and Discord.js to create an interactive Discord Bot.
- Local SQL backend allows for user contribution and data persistence.
- Regex data sanitization to implement censoring and to stop SQL injection.

Github

KnightMare VR | *Unity, C#, VR, Photon, Blender*   Feb 2021 – Ongoing
- Took inspiration from the iconic 1980s UK game show *"Knightmare."* Seamlessly blends the essence of the classic game show with the immersive capabilities of VR
- Utilizes Photon for robust netcode allowing effortless multiplayer via locally hosted servers.
- Special attention dedicated to optimization Through efficient coding practices in C# and leveraging Unity's suite of performance tools, the game offers a lag-free, high-fidelity experience, even on more modest VR hardware setups.

EMPLOYMENT HISTORY

Bar Manager   May. 2022 – Present
Canto Corvino   *City of London, UK*
- Orchestrated comprehensive training programs for staff, emphasizing not just beverage crafting but also leveraging digital tools for customer service and order management.
- Preformed Trend-Analysis using canvasing techniques to support change of booking systems saving £18,000 per year.
- Took ownership of creating, analyzing, and presenting financial reports to stakeholders. Utilized various software tools to automate and enhance financial analytics, highlighting my proficiency in data handling and tech-enabled decision-making.
- Championed the introduction of a modern inventory management system which enhanced stock reporting and streamlined the stock management process.

Cocktail Consultant   Feb. 2022 – May. 2022
La Rueda   *Clapham, UK*
- Hired on consultancy basis to improve finances and modernise bar.
- Introduced modern inventory management system allowing for tracking of stock and standardisation of Gross Profit.
- Introduced Record keeping systems to comply with Environment Health legislation.
- Implemented modern training systems for original staff via Flow Hospitality training.
- Presented to owners on directions to take to modernise bar, improving expected monthly foot traffic for April by over 40%

Supervisor   Oct. 2021- – Feb. 2022
Mr. Whites   *Leicester Square, UK*
- Played a pivotal role in the inauguration of a flagship restaurant in the heart of Leicester Square.
- Within a condensed timeframe, successfully onboarded, and trained a top-tier team, demonstrating both exceptional leadership and the ability to quickly instill company values and standards.
- Developed and refined daily operational process to ensure the smooth functioning of the restaurant. Introducing digital tools to streamline tasks and improve communication between departments.
- Served as a bridge between upper management and staff.

Supervisor   Sept. 2020 – Oct. 2021
Imperial   *Chelsea, UK*
- Entrusted with the critical responsibility of maintaining and updating financial records
- Introduced and enforced standard operating procedures to guarantee consistent quality and speedy service

Bartender   May. 2013 – Sept. 2020
Various   *London/Liverpool, UK*