Matthew Klayme

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EDUCATION

The University of Houston   **Houston, TX**
BS in Computer Science   *Graduation Date: May 2022*
Coursework: Algorithms & Data Structures, Operating Systems, Design File & Database Syst., Video Game Development

WORK EXPERIENCE

Meneses Law   **Houston, TX**
Fullstack Engineer   *Dec 2023 - Current*
- Engineered a mobile application for securely sending PII and messages with **React Native, AWS**, and MongoDB, achieving **100% encryption** compliance and reducing data transfer risks by 30%.
- Automated onboarding and off-boarding workflows by developing dynamic landing pages using ReactJS, **PowerShell Core, Azure Entra ID**, and AWS Lambda, improving workflow efficiency by 40% and cutting manual processing time by 50%.
- Developed a **WebSockets**-based secure messaging platform, enabling real-time client communication with zero downtime and **256-bit end-to-end encryption**, enhancing communication reliability and security across the system.

EIT Care   **Houston, TX**
Support Engineer   *Jan 2023 - Dec 2023*
- Successfully managed and resolved a spectrum of IT challenges across three client companies, each with over 25 staff members, resulting in an average increase in systems' **uptime by 35%** and noticeably enhancing productivity.
- Engineered, developed, and deployed **two robust, dedicated servers** and domains for new client companies, providing them with a digital presence that led to an estimated 20% increase in their operational efficiency and business agility.
- Fostered and nurtured professional relationships with numerous managers and employees across various industries, leading to a significant improvement in cross-functional collaborations.

KartoCars   **Austin, TX**
Co-Founder & Developer   *Jan 2022 - May 2022*
- Orchestrated the design and development of a user-friendly, **blockchain-integrated website**, resulting in a 30% increase in client engagement and smoother interactions with Ethereum smart contracts.
- Successfully generated **2,500 distinctive digital art pieces** with unique JSON attribute files, leading to an expansion in our digital art portfolio and significantly enhancing the brand's visibility in the digital art space.
- Led and managed a **diverse 10-person team** across multiple disciplines, cultivating an inclusive and productive work environment that boosted project completion efficiency by 80%.

PROJECTS & LEADERSHIP

Chronospel - VR Video Game
- Designed and developed a space-themed virtual reality game using **Unity** for 3D rendering and **C#** to implement turret-based mechanics, while integrating **SteamVR SDK** for multi-platform VR support.
- Created an immersive gameplay experience where players break space rocks with a turret, utilizing **Blender** for 3D modeling and **FMOD** to deliver dynamic, spatial audio that enhances player immersion.
- Optimized game performance and user interaction using **Oculus Performance Profiler** to ensure smooth gameplay across different VR headsets, enhancing responsiveness and visual effects in the VR environment.

Karto - Racing Mobile App
- Designed and developed a car racing game using **Unity** for 3D rendering and **C#** for scripting game mechanics, including vehicle controls and physics, while utilizing **React Native** for cross-platform user interface development.
- Integrated **real-time physics** for realistic car handling and collision effects, enhancing the overall realism and excitement of the game.

Gallant - Recruitment Onboarding Tool
- Engineered a **real-time portal** that enables users to submit their experiences for review, utilizing **MongoDB** for resume storage and **Google Firebase** for secure user authentication.
- Developed a dynamic **REST API** with **Express** to streamline the management of recruiters and employees, while leveraging **EJS, CSS, and Express** for page design, styling, and routing..

SKILLS

Java | JavaScript | C# | HTML/CSS | ReactJS/React Native | Node | SQL | MongoDB | Figma | Git