

JOSHMAR MORALES

California | Washington | Remote

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WORK EXPERIENCE

Software Engineer

JCM Global, Las Vegas, Nevada

📁 C C++ Python

📅 Aug 2023 - Aug 2024

- Developed multi-threaded applications and low-level firmware for a network adapter in C, enabling seamless device communication and improving data transmission efficiency by 20%.
- Built RESTful APIs in C using SOAP and XML, enabling efficient delivery of field product data to the backend server and reducing data retrieval time by 30%.
- Implemented new features in slot machine gameplay using Python, including a promotional campaign that boosted player engagement and revenue by 5%.
- Integrated DHCP into adapter firmware, reducing manual configuration by 50% and enhancing connectivity for 1,000+ gaming systems.
- Resolved critical bugs on the network adapter device, minimizing disruptions, reducing downtimes by 10%, and improving the casino's overall user experience.

TECHNICAL SKILLS

- Languages:** Java, Kotlin, JavaScript, TypeScript, SQL
- Frontend:** React, Jetpack Compose, Next, Vite, Tailwind
- Backend:** Spring, J2EE, Node, Express
- Java Tools:** JUnit, Mockito, Maven, Lombok, Hibernate
- Databases:** PostgreSQL, MySQL, MongoDB
- Software:** IntelliJ, Visual Studio, Android Studio, Postman, Docker
- SDLC:** Agile, Scrum, CI/CD, Jira, GitHub, DevOps
- Cloud:** Amazon Web Services (AWS)
- Version Control:** Git, SVN

PROJECTS

Jhuv Nutrition

Full Stack App

📁 React Node TypeScript Express Tailwind MongoDB MVC

🌐 nutri-store-app-v2

- Built a full-stack e-commerce platform in TypeScript, leveraging React for a dynamic frontend and Node.js for a secure backend.
- Integrated MongoDB for efficient data management, enabling seamless handling of products, users, and orders.
- Crafted a responsive and intuitive user interface using React and Tailwind CSS, ensuring a smooth and engaging shopping experience.

Bluelock Drowning Detector

Machine Learning Project

📁 Python TensorFlow OpenCV Jupyter Anaconda

🌐 bluelock-drowning-detector

- Developed a drowning detection model using TensorFlow and OpenCV, achieving 92% accuracy through image processing and object recognition.
- Deployed the model on an NVIDIA Jetson Nano, enabling real-time pool monitoring and reducing emergency response time by 30%.

CV25 Portfolio

Frontend App

📁 React Next TypeScript Tailwind

🌐 cv-25

- Personal portfolio website developed using Next.js and styled with Tailwind CSS, showcasing projects and skills in an optimized and visually appealing format.

EDUCATION

Bachelor of Science in Computer Engineering

University of Nevada, Las Vegas

📊 3.7 GPA

📅 Aug 2019 - May 2023

- Relevant Coursework: Advanced Computer Science, Data Structures and Algorithms, Discrete Mathematics, Data Mining