

JOSHMAR MORALES





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 joshmar-morales

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EDUCATION

Master of Science in Computer Science  4.0 <ul style="list-style-type: none">Relevant Coursework: Artificial Intelligence, Analysis of Algorithms, Database Management Systems	University of Nevada, Las Vegas  Aug 2025 - May 2027
Bachelor of Science in Computer Engineering  3.7 <ul style="list-style-type: none">Relevant Coursework: Embedded Systems, Data Structures, Discrete Mathematics, Data Mining	University of Nevada, Las Vegas  Aug 2019 - May 2023






WORK EXPERIENCE

Software Engineer  C C++ Python	JCM Global, Las Vegas, Nevada  Aug 2023 - Aug 2024
<ul style="list-style-type: none">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, Python, SQL, TypeScript, Kotlin
- Frontend:** React, Next, Vite, Tailwind, Jetpack Compose
- Backend:** Spring, J2EE, Node, Express
- 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  React Node TypeScript Express Tailwind MongoDB MVC	Full Stack App  nutri-store-app-v2
<ul style="list-style-type: none">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  Python TensorFlow OpenCV Jupyter Anaconda	Machine Learning Project  bluelock-drowning-detector
<ul style="list-style-type: none">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%.	
Egolift University  Java Spring React Kotlin	Full Stack App
<ul style="list-style-type: none">Developed a full-stack web application using Spring Boot, React, TypeScript, and PostgreSQL.Built features that deliver courses and interactive activities focused on fitness routines.	