Joshmar Morales

Open to relocate ✱ Remote
joshmarinho11@gmail.com ✱ (702) 978-2001 ✱ [GitHub](#) ✱ [Website](#) ✱ [LinkedIn](#)

EDUCATION

University of Nevada, Las Vegas   **Aug. 2025 – May 2027**
Master of Science in Computer Science   *Las Vegas, NV*

University of Nevada, Las Vegas   **Aug. 2019 – May 2023**
Bachelor of Science in Electrical Computer Engineering   *Las Vegas, NV*

WORK EXPERIENCE

UNLV College of Engineering   **Aug. 2025 – Present**
Graduate Assistant   *Las Vegas, NV*

- Offer tutoring and host office hours to help students grasp challenging computer science concepts.
- Guide students through assignments and provide feedback to enhance their problem-solving skills.

JCM-Global   **Aug. 2023 – Aug. 2024**
Software Engineer   *Las Vegas, NV*

- 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, TypeScript, C/C++, SQL
- **Frontend:** React, Next, Vite, Tailwind, HTML, CSS, UI/UX
- **Backend:** Spring, Spring Boot, J2EE, Node, Express
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Software:** IntelliJ, Visual Studio, Postman, Docker
- **SDLC:** Agile, Scrum, CI/CD, Jira, GitHub, DevOps, Git, SVN
- **Cloud**: Amazon Web Services (AWS)

PROJECTS

[Jhuv Nutrition](#)

- Built a full-stack e-commerce platform with TypeScript, using React/Tailwind for a responsive UI and Node.js for the backend.
- Utilized MongoDB to efficiently manage product, user, and order data.

[Bluelock Drowning Detector](#)

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