Jesus Molina

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EDUCATION

University of Central Florida   Orlando, FL
Bachelor of Science in Computer Science, GPA: 3.4, Dean's List   *Expected Grad. Aug 2025*
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Security in Computing, Systems Software, Database Systems, Parallel and Multithread Programming, Processes of Object-Oriented Software Development, Mobile Device Software Development, Algorithms in Machine Learning, Matrix and Linear Algebra

TECHNICAL SKILLS

Programming Languages: *Proficient:* Python, Java, C, JavaScript, SQL, TypeScript, C, C++
Software & Tools: Unix/Linux, Git, Jira, Bootstrap, Node.js, React, jQuery, Express.js, REST APIs, Workflow Automation, PyCharm, CSS, Tailwind, Postman, Bruno, SwaggerHub, MongoDB, Heroku, SQL, Postgres, Azure, LLMs
Certifications/Labs: Full Stack Web-Developer (UCF Bootcamp

WORK EXPERIENCE

VantagePoint AI.   Sarasota, FL
Software Support, IT Solutions, Operating Systems   March 2022 – January 2023
- Provided remote assistance to clients for software installation to ensure compatibility across multiple operating systems such as Windows, Linux, and macOS.
- Delivered personalized tutorials to clients after installation to guide them through the software's features and directing them to additional resources for maximum use.
- Handled IT support tickets by troubleshooting and repairing software issues via remote access to ensure minimal downtime and smooth user experience.
- Assisted clients with utilizing advanced software features to offer guidance on functionality and recommending add-ons to enhance their software experience.

United States Space Force Capstone Program   Remote
AI and Database Engineer, LLMs, Databases, Python   January 2025 – Present
- Partnered with the Space Force team on the development of an AI-powered IT solutions bot
- Gained real-world experience working under Space Force military-grade constraints and technical expectations.
- Leveraged a modern the stack including GPT-4, Azure Storage, Python Flask, and React
- Facilitated weekly meetings between our student dev team and Space Force personnel to align requirements and delivery expectations.

PROJECTS

ContactHub *(HTML/CSS/JS, Linux, Apache Server, MariaDB, PHP, API Calls)*
- Developed a responsive contact management interface using HTML, CSS, and JavaScript.
- Integrated MariaDB SQL database for structured data management, ensuring security and efficiency.
- Implemented CRUD-based contact storage system allowing users to add, edit, delete, and search contacts.
- Engineered API calls using fetch() and XMLHttpRequest() to enable contact management and user authentication.

UCF GeoGuesser *(MongoDB, ExpressJS, React, Typescript, NodeJS, Leaflet, AWS EC2, Route 53, PassportJS)*
- Developed an interactive geolocation-based game leveraging React, Typescript, LeafletJS, and NodeJS for real-time map marker placement and distance tracking
- Designed a RESTful backend with Express.JS and MongoDB, secured authentication with Passport.js and enabled user image uploads using Multer.
- Deployed the full-stack application on AWS EC2 and configured Route 53 for custom domain routing.

U.S Space Force AI-Powered IT Solutions (Ongoing) *(OpenAI, Azure SQL Database, ServiceNow, Archibus)*
- Personalize solutions recommendations based on user input, context, background, and computer/technological skill using and OpenAI trained model.
- Reduce ticket volume by up to 75% allowing IT teams to focus on more complex tasks and enabling customers to resolve common problems independently regardless of computer skill level.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Society of Professional Hispanic Engineers   Orlando, FL
Active Member/Assistant   Jan 2023 – Present
- Collaborated with club members to set up events and organize workshops to ensure a successful event experience.
- Developed leadership and technical skills at club organized workshops hosted by professionals.
- Attended conferences hosted by industry leaders, such as L3Harris, META, and Microsoft.
- Developed an innovative project during Knights Hackathon 2024, collaborating with a team to design and implement.