Mayank Patel

352-533-0313 | Ocala, FL | mayankp1098@gmail.com | linkedIn | GitHub

TECHNICAL SKILLS

Languages: Python, Javascript, Java, C, C#
Frameworks: MERN, Flask, React
Databases: MongoDB and MySQL

TECHNICAL PROJECTS

Astral Projection | *Product Owner* | GitHub
A 2D strategy and platforming game featuring a single-player control system where the player manages two characters equipped with portal gun mechanics. (Unity, C#, graphics)

- Developed a portal rendering system utilizing Unity's physics engine and C# scripting, enabling players to seamlessly create and traverse portals in the 2D platformer. This implementation enhances gameplay by allowing unique spatial manipulation and strategic navigation through the game world.

- Engineered a synchronized character movement system through Unity's animation and input handling, ensuring seamless coordination between the two characters controlled by a single player in the 2D platformer. This technical implementation enhances player control, providing a fluid and immersive experience as both characters move in unison.

Pirates | Sole *Developer* | *Website to create and track a pirate crew (MERN)* | GitHub

- Implemented automatic management of MongoDB databases within the web app using the MERN stack, ensuring efficient storage and retrieval of pirate-related data.

- Automated the creation of new pirate entries through a form in the web app, leveraging the MERN stack to streamline data storage and enhance user experience.

PROFESSIONAL EXPERIENCE

Technical Support Specialist Level 1 | *Mosyle* | Remote   2023

- Addressed Level 1 technical support queries within Mosyle, an Apple MDM platform, showcasing adept troubleshooting skills to swiftly resolve issues and elevate user contentment. Responsibilities included providing support for Apple device management, ensuring seamless operation and user satisfaction.

Electronic Associate | *Lockheed Martin* | Ocala, FL   2016

- Executed precision soldering techniques to affix electronic components onto circuit boards with a high degree of accuracy, ensuring the reliability and functionality of electronic systems.

- Conducted thorough inspections and identified defects in soldered components, implementing corrective measures promptly to maintain high-quality standards.

EDUCATION

Coding Dojo	*Full-Stack Developer Certificate*	 ● *Immersive Full-Stack Training Program in Python, Java, and MERN*	2023
University of Central Florida	*Bachelor in Computer Science*	[Orlando, FL] ● *Relevant Coursework: COT 4210- Discrete Structures II, COP 3503C - Computer Science II, CNT 4703C - DESIGN & IMPL COMP COM NETWK, and COP 4331 - Object-Oriented Analysis and Design, CIS 4940C - TOPICS IN CYBERSECURITY, CAP 4630 - Artificial Intelligence, CAP 4453 - Robot Vision*	2018-2022