JONATHAN RAJ, KATIKALA

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SUMMARY

Skilled in Python and ReactJS with a background in web development (HTML, CSS, JavaScript, MySQL).
I graduated Master's in Computer Science and experienced in research, mentoring, and building web applications.

EXPERIENCE

Graduate Assistance | **State University of New York Polytechnic Institute** | Utica, NY   (Feb 24 — May 24)
- Provided research support, mentored students, and assisted professors.
- Conducted research and provided guidance on projects.
- Enhanced data analysis through ML research and instructed students on GAN.

Web Developer | **Multiplier AI Solutions** | Hyderabad, TG   (May 22 — Aug 22)
- Developed dynamic web applications using HTML, CSS, JavaScript, ReactJS, and MySQL and published using XAMPP, WordPress, cPanel, and FileZilla.
- Built strong client relationships and delivered web solutions.

Web Development - Intern | **Verzeo** | Remote   (Sep 20 — Nov 20)
- Developed responsive web pages using HTML, CSS, JavaScript, and version control with GitHub.

PROJECTS

Software Testing | **SUNY Polytechnic Institute** | Utica, NY   (Aug 24 — Present)
- Utilized Pintool to analyze software behavior and identify performance issues.

Role Management Portal | **SUNY Polytechnic Institute** | Utica, NY   (Feb 24 — Mar 24)
- Developed a web application to manage user roles and permissions (Flask framework, MySQL).
- Git Link : https://github.com/Jonathan3712/Role-Mangement.git

AWS Deep Racer | **SUNY Polytechnic Institute** | Utica, NY   (Oct 23 — Dec 23)
- Developed RL model to train autonomous race cars for AWS DeepRacer (SageMaker).

Game using AI | **SUNY Polytechnic Institute** | Utica, NY   (July 23 - Aug 23)
- Created a challenging AI-powered game (CLI).
- Git Link : https://github.com/Jonathan3712/game-by-AI.git

Decentralised App & Tic-Tac-Toe with Algorand | **SUNY Polytechnic Institute** | Utica   (Feb 23 — May 23)
- Integrated Algorand State Control for a decentralized tic-tac-toe game.

EDUCATION

State University of New York Polytechnic Institute | Utica, NY   (Jan 23 - present)
- Masters in major of Computer Science (GPA : 3.40)
- Relevant coursework: Numerical Computing, Algorithms, Machine Learning, Artificial Intelligence, Databases, Software Engineering, Prompt Engineering and Computer Networks.

Sri Indu College of Engineering and Technology | Hyderabad, TG   (Jul 18 —Jul 22)
- Bachelor, Computer Science and Engineering (GPA : 3.00)

TECHNICAL SKILLS

- Programming Languages: Python, Java, C
- Web Development: HTML, CSS, JavaScript, ReactJS, Full Stack development technologies, WordPress
- Databases: MySQL

CERTIFICATIONS

Machine Learning (Coursera)
- Supervised Machine Learning (DeepLearning.Ai and Stanford University)
- Advanced Learning Algorithms (DeepLearning.Ai and Stanford University)
- Unsupervised Learning, Reinforcement Learning (DeepLearning.Ai and Stanford University)