

JONATHAN RAJ, KATIKALA

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Portfolio : <https://jonathan3712.github.io/responsive1/>

EXPERIENCE

Graduate Assistance | **State University of New York Polytechnic Institute** | Utica, NY (Feb 24 — May 24)

- Provided research support, mentored students, and assisted the professor with his class presentation slides.
- Conducted in-depth research on assigned topics and provided guidance to students in completing projects.
- Enhanced data analysis through research on ML, and taught the students with resources to learn GAN.

Web Developer | **Multiplier AI Solutions** | Hyderabad, TG (May 22 — Aug 22)

- Demonstrated proficiency in frontend development technologies HTML, CSS, JS, ReactJS, MySQL.
- Deployment tools like XAMPP, WordPress, cPanel, and FileZilla are resources I excelled.
- Developed a solid connection with clients by communicating clearly and solving their problems.

Web Development - Intern | **Verzeo** | Remote (Sep 20 — Nov 20)

- Built a responsive webpage, with front-end development tools and deployed in *pages* through Github.
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PROJECTS

AWS Deep Racer | **SUNY Polytechnic Institute** | Utica, NY (Oct 23 — Dec 23)

- Aims to build ML model using RL in aws console, to deploy in *aws deep-racer*, with *Amazon Sage maker*.

Game using AI | **SUNY Polytechnic Institute** | Utica, NY (July 23 - Aug 23)

- A game developed using AI Bot, this game is a cli program. Developed to overcome the AI abilities.
- Git Link : <https://github.com/Jonathan3712/game-by-AI.git>

Role Management Portal | **SUNY Polytechnic Institute** | Utica, NY (Feb 24 — Mar 24)

- Portal defines the employees roles and access, developed with *Flask* Framework and *mySQL*.
- Git Link : <https://github.com/Jonathan3712/Role-Mangement.git>

Decentralised App | **SUNY Polytechnic Institute** | Utica, NY (Feb 23 — May 23)

- Enable ASC to interact with the Algorand Network, to control credentials and block chain transactions.

Tic-Tac-Toe with Algorand | **SUNY Polytechnic Institute** | Utica, NY (Feb 23 — May 23)

- Generate algorand with dispenser and make transactions for the moves, wins and losses in the game.
- Success rate for the game to transact and secure currency is 100%, approved by the Professor.

Network Security and Privacy | **SUNY Polytechnic Institute** | Utica, NY (Mar 23 — Apr 23)

- Developed using dynamic routing protocols and web authentication services for privacy and secured transactions.
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EDUCATION

State University of New York Polytechnic Institute | Utica, NY (Jan 23 - present)

- Masters of science in computer science with a concentration in Development (GPA : 3.40)
- Courses : Numerical Computing, Topics in Algorithm, Computer Networks, Algorithms and Complexity, Machine Learning, Artificial Intelligence, Prompt Engineering, Database, Software Engineer.

Sri Indu College of Engineering and Technology | Hyderabad, TG (Jul 18 — Jul 22)

- Bachelors of technology in Computer Science and Engineering (GPA : 3.00)
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TECHNICAL SKILLS

- **Programming Languages and Technologies** : C, C++, Java, Python, HTML, CSS, JS, ReactJS, Bootstrap, Django
 - **Content Management System & DataBase Management System** : WordPress & MySQL
 - **Web Hosting Tools** : cPanel (control panel for web hosting), FileZilla (FTP client for transferring files)
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CERTIFICATIONS

Machine Learning | <https://coursera.org/share/b4a27ef96277264aa79247da3cccf075>

- *Supervised Machine Learning* | DeepLearning.AI and Stanford University | Remote
- *Advanced Learning Algorithms* | DeepLearning.AI and Stanford University | Remote
- *Unsupervised Learning, Reinforcement Learning* | DeepLearning.AI and Stanford University | Remote