

## SUMMARY

Master's candidate in Technology, actively seeking full-time opportunities beginning June 2025. Dedicated to crafting web applications that blend intuitive front-end experiences with robust back-end systems. Focused on learning, collaborating with creative teams, and transforming ideas into functional, impactful solutions. Seeking to apply expertise and drive innovation while advancing my career within a dynamic organization.

## EDUCATION

Chicago State University, Chicago, USA

– Present

### Pursuing Masters in computer science

Courses: Big Data Technology, Software Project Management, Machine Learning, Alg and Software Engineering with Web-Based App, Quantum Computing, Adv TCP/IP Net Arch, Adv software Engineering, Generative AI, Adv Database Implementation.

## TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript (basic) || Frontend: HTML5, CSS3, Bootstrap || Backend: Flask, Django || Databases: MySQL, MongoDB || DevOps & Tools: Docker, Git, GitHub, Postman || Cloud & APIs: AWS (EC2/EMR/SageMaker), REST API, OpenWeatherMap API || AI/ML: Scikit-learn, TensorFlow, Pandas, NumPy, SVM, CNN, Deep Learning, NLP || Data & Analytics: MS Excel, MS Project, Jupyter Notebook || Others: Prompt Engineering, Agile Methodology

## EXPERIENCE

### Role: **Software Engineer**

Developed and maintained full stack web applications at Rayon Technology Solutions, enhancing system performance by 15% and reducing bug rates by 20%, supporting daily operations for 3,000+ users.

### Role: **Project Manager Intern**

Completed a 4-week Excelerate internship as a Project Manager Intern, where I honed leadership development, crisis management, and collaborative problem-solving skills. Managed project planning and resource allocation using Microsoft Project, ensuring efficient team coordination and timely project delivery.

## ACADEMIC PROJECTS EXECUTED

- Engineered core modules of a Flask-based travel platform ("Trip Trek"), integrating AI-driven itinerary generation based on user preferences and historical travel data.
- Built a fully functional e-commerce website using React.js and Django, featuring dynamic product listings, user authentication, cart management, and secure checkout workflows to provide a seamless shopping experience.
- Created a responsive personal portfolio website using React.js and Tailwind CSS, showcasing projects, technical skills, and experience with smooth UI/UX and optimized performance across devices.
- Developed a Probabilistic Label Influence Diffusion (PLID) model using Java to simulate influence spread across signed social networks, improving predictive analytics capabilities for network behavior by 20%.
- Designed and implemented a missing child identification system, integrating VGG-Face CNN models with multi-class SVM classifiers to achieve 99.41% identification accuracy; deployed real-time face recognition via Django web applications.

## ACHIEVEMENTS AND CERTIFICATION

- Published a research paper on "*Prediction of Student Admissions in Universities Using Naïve Bayes and Support Vector Machine (SVM)*", focusing on the application of machine learning algorithms to enhance admission forecasting accuracy and support data-driven decision-making in higher education.
- Leveraged OpenAI's ChatGPT Prompt Engineering course to refine AI-driven itinerary generation, driving a 15% increase in user satisfaction scores on the Flask-based travel platform.
- Ranked in the top 5% in the NPTEL "Joy of Computing with Python" exam, demonstrating strong programming proficiency.
- Certified in Linux Command Line Essentials through Coursera, building robust foundational skills in system operations.