



EDUCATION

<b>Doctor of Philosophy in Computer Science(PhD)</b> The University of Kansas, Kansas, KS	Complete By : Aug 2026
<b>Master of Science in Computer Science</b> Georgia State University, Atlanta, GA	Graduation on: June 2024
<b>Bachelor of Technology in Computer Science and Engineering</b> Jawaharlal Nehru Technological University, Kakinada, Andhra Pradesh	Graduation on: Sept 2020

SKILLS

- **Programming:** Python, Java, JavaScript, SQL, PostgreSQL, REST APIs
- **Frontend Skills:** HTML, CSS, User Interface(UI), User Experience(UX)
- **Backend skills:** NodeJS, Java, Postman
- **Data:** Data Cleaning, Data Analysis, Data Visualization, Machine Learning
- **Tools:** Git, GitHub, MySQL, VS Code, MS Suite: MS PowerPoint, MS Excel, MS Word, MS Outlook, Jupyter Notebook
- **Cloud:** AWS

CURRENT RESEARCH

- Designed User-Inclusive Transparent AI Systems**
- Emphasized accuracy, fairness, and transparency in decision-making AI systems.
  - Proposed and planned the implementation of selective transparency in AI systems through ongoing research work.
  - Designed User Interface to improve user experience and the transparency of AI systems using FIGMA and prompt engineering.
  - Analyzing information and standard practices to make judgment from the data collected.

WORK EXPERIENCE:

<b>Software Engineer – Graduate Computing Assistant(Georgia State University) ATLANTA, GA</b>	June 2024 -- Present
<ul style="list-style-type: none"><li>• Working on development of college portals and establish web forms for international initiatives.</li><li>• Created dashboards using <b>Tableau</b> for strategy planning and audit reporting.</li><li>• Implemented Database migration between servers and queries implementation using SQL</li></ul>	
<b>Accenture North America Data Analytics and Visualization Job Simulation on Forage</b>	May 2024 -- June 2024
<ul style="list-style-type: none"><li>• Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture</li><li>• Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions</li><li>• Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders</li></ul>	
<b>Graduate Research Assistant (Georgia State University) ATLANTA, GA</b>	Aug 2022 – May 2024
<ul style="list-style-type: none"><li>• Addressed the challenge of reinforcing practical skills by integrating <b>Python</b> into the Data Structures syllabus, which elevated student performance metrics by 25%.</li><li>• Tackled the lack of regional <b>business intelligence</b> by conducting PESTEL analyses on 20 African countries, leading to the development of targeted market entry strategies.</li><li>• Transformed raw PESTEL analysis data into insightful <b>visualizations</b>, resulting in a 60% increase in engagement from business strategy sessions.</li><li>• Undertook leadership of a 5-member research assistant team, driving a <b>data analysis</b> project that increased research output by 30%.</li><li>• Leveraged knowledge in Python and <b>Machine Learning</b> algorithms to offer advanced technical support, optimizing operational processes and achieving a 25% increase in productivity.</li></ul>	
<b>Software Engineer (DXC Technology) BANGALORE, INDIA</b>	Aug 2020 – Jul 2022
<ul style="list-style-type: none"><li>• Encountered data management inefficiencies, initiated and standardized <b>DBMS</b> processes that improved data retrieval times by 30%.</li><li>• Working familiarity with and proficiency with tools (IDE, debugger, build tools, source control, ServiceNow instances, profilers, system administration/Unix tools) that help with daily tasks.</li><li>• Aimed at improving software quality, led code review initiatives that culminated in enhancing codebase reliability by 30%.</li><li>• Encountered performance bottlenecks in database systems, leveraged <b>SQL</b> optimization techniques to enhance query response times by 50%.</li><li>• Demonstrated innovation in tackling user experience challenges, introduced user-centric improvements that enhanced customer satisfaction ratings by 20%.</li><li>• Development and deployment of <b>automation</b> tools written in Python and SQL to streamline manual system connections and monthly changes.</li><li>• Reduced monthly workload from 35 hours to 4 hours, enhancing operational efficiency.</li></ul>	

PROJECT

- **Sustanify:** Developed a mobile application that enables users to sell and purchase products from other sellers. Technology stack used are Android, Kotlin, FIGMA, Firebase. This app is developed in **Android** and **Kotlin**. Designed user interface using **FIGMA** and integrated **Firebase** database into the app to store the data.
- **TagMeAlong:** Developed a mobile application designed to facilitate shared rides and enhance social connectivity during commutes. The application enables users to request companionship for their journeys, fostering a sense of community and making transportation more collaborative. Actively participated in App development for **Android** platforms, created **APIs** using REST architecture and created a database using **MongoDB**.
- **Medical Records Analyzer:** Developed a machine learning solution to analyze and summarize patient medical history as the part of Hacklytics hackathon using state of the art technologies like **Llama Model**, **Python**, **REST** Apis, and **ReactJs**. Analyzed the medical records from online resources and presented it as dashboard using **Tableau**. Earned the esteemed Second Prize in the healthcare track for this impactful initiative.

LEADERSHIP & ACHIEVEMENTS

- SAP Certified Technology Associate – SAP HANA 2.0 SP05 | SAP (July 2022)
- *Certified Azure Fundamentals-AZ900* | Microsoft (Mar 2022)
- Secured second prize in Hacklytics 2024 which is one of the largest Data Science Hackathons in the United States
- Led the Alumni Student Organization group of 20 people at College, primarily responsible for organizing multiple networking events for students