

NANDINI TUPAKULA



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Current Location: Cleveland, Ohio, USA. | **Work Authorization:** F-1 Visa (CPT/OPT Eligible)

PROFESSIONAL SUMMARY

Results-driven Computer Science graduate with a Master's degree from Cleveland State University, Ohio, and a Bachelor's in Technology from KL University. Proficient in Java, Python, and SQL, with a solid foundation in full-stack web development and UI/UX design. Skilled in building responsive, user-centric web applications and designing seamless user interfaces. Demonstrated ability to solve complex problems through clean code and data-driven solutions. Passionate about leveraging technology to create impactful, scalable software systems.

SKILLS

- **Programming Languages:** C, Python, Java, SQL
- **Web Technologies:** HTML5, CSS3, JavaScript
- **Artificial Intelligence:** Machine Learning Basics, Neural Networks, Scikit-learn
- **Data Analytics:** Pandas, NumPy, Power BI, Data Visualization, Exploratory Data Analysis
- **Cloud Technologies:** AWS (EC2, S3), Google Cloud Platform (GCP).
- **UI/UX Design:** Wireframing, Figma, User Flow Design, Prototyping Principles
- **Tools & Platforms:** Git, GitHub, Jupyter Notebook, VS Code, Pycharm, IntelliJ
- **Soft Skills:** Teamwork, Problem Solving, Attention to Detail, Time Management

INTERNSHIP EXPERIENCE

• Areksoft Technologies Pvt. Ltd.

Subject Matter Expert

July 2022 - November 2022

Uppal, Hyderabad, INDIA

- Applied domain expertise to evaluate technical content, identify gaps, and recommend improvements aligned with academic standards and industry best practices.
- Collaborated with teams to ensure proposed technical solutions met project requirements and resolved subject-specific issues effectively.

EDUCATION

• Cleveland State University

Master of Science (MS) in Computer Science and Information Systems

January 2024 – December 2025

Cleveland, Ohio, United States

- **CGPA:** 3.24/4.00

• KL University

Bachelor of Technology (B.Tech) in Computer Science

2019 – 2023

Vijayawada, Andhra Pradesh, India




- **Specialization:** Cyber Security

- **CGPA:** 7.57/10.00

CERTIFICATIONS & ONLINE COURSES

- **Microsoft Certified: Azure AI Fundamentals** – Microsoft
1711-2586 April 2023
- **Microsoft Certified: Azure Fundamentals** – Microsoft
994820244 March 2023
- **AI Engineer Skill Certified** – One Roadmap
CERT-C5701E9F March 2023

PROJECTS

- **Desi Drip Milk Delivery** *Author: Nandini Tupakula*
Technologies: Figma, Ui/Ux. 
 - Built a GUI-based Insurance Claim Verifier using Python (Tkinter) and MySQL, automating claim validation based on policy expiry and coverage limits.
 - Integrated PDF report generation using reportlab to auto-generate downloadable claim status summaries for users.
- **Bank Management System** *Author: Nandini Tupakula*
Technologies: JavaFX, Swing, MySQL, JDBC. 
 - Developed a full-stack Bank Management System using Java Swing and MySQL, implementing features like secure login, account creation, deposits, withdrawals, balance enquiry, and PIN change.
 - Integrated PreparedStatement-based SQL operations to prevent injection attacks and added full-screen responsive UI with scrollable multi-form signup flow for improved usability.
- **Advanced Car Parking Management System** *Author: Nandini Tupakula*
Technologies: Python, Tkinter, MySQL, FPDF. 
 - Built a GUI-based parking system using Python and MySQL to manage vehicle entries, exits, and dynamic slot allocation with real-time updates and admin login.
 - Integrated a reporting module with PDF export and automatic logging, enabling detailed fare tracking and efficient data management.

ADDITIONAL INFORMATION

- Strong business acumen and domain understanding in customer behavior analytics.
- Familiar with financial services regulatory expectations.
- Open to relocation and remote roles.
- Excellent in stakeholder communication, data storyboarding, and collaborative development.

HOBBIES & INTERESTS

UI/UX DESIGN | TECH BLOGGING | HEALTHCARE TECH | OPEN SOURCE | STARTUPS & ENTREPRENEURSHIP