

Kartik Chaudhary

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EDUCATION

University of South Florida

BSc in Computer Science (*Dean's List Scholar*)

GPA: 3.4/4.0

Tampa, FL

May 2026

Skills: Object-oriented development, data structures, algorithms, scripting, system design, process improvement

EXPERIENCE

Software Developer Intern

May 2025 – Present

Citi

Tampa, FL

- Developed and maintained backend microservices using **Java**, **Spring Boot**, and **Oracle** within the **AIP DCP team** to support Citi's AML investigation processes, integrating with **NICE Actimize** to automate risk case ingestion and streamline analyst review.
- Designed **Angular** frontend components and implemented CI/CD pipelines using **Azure DevOps**, reducing deployment time and improving regulatory traceability.

Co-Founder

April 2024 – Present

AI Society at USF

Tampa, FL

- Co-founded the AI Society at USF**, leveraging tools like **OpenAI** to lead skill-based interviews and hands-on workshops that engaged over **150** students while expanding my knowledge in AI.
- Managed a **\$120,000** budget as co-founder to host expert-led workshops and events on machine learning, data analytics, and prompt engineering, increasing member engagement by **70%**.

Software Engineering Intern

May 2024 – Aug 2024

Vivint

Provo, UT

- Implemented a data aggregation module using **Python** and **MongoDB** to automate the consolidation of sensor data from smart home devices by collecting, processing, summarizing, and automating data for real-time insights.
- Developed Python scripts utilizing the **PyMongo library** to manage sensor data in MongoDB, increasing the efficiency by **10%** and reducing the response time of security signals by **12%**.

Testing Associate Intern

May 2023 – July 2023

Capgemini

Noida, IN

- Conducted test case creation, execution, and defect tracking using **HP ALM** to ensure software quality.
- Collaborated with team leveraging GenAI to modernize codebases, improving efficiency and compatibility by **13%**.

PROJECTS

Bull-Mart | *HTML/CSS, MongoDB, React.js, Node.js, Bootstrap*

November 2023 – Feb 2024

- Built Bull-Mart, a full-stack web application using **HTML/CSS**, **React.js**, **Node.js**, and **MongoDB**, enabling USF students to buy and sell used products while managing user profiles, listings, and transactions.
- Designed responsive interfaces with **Bootstrap**, integrated **Google Maps API** for location-based features, and implemented **JWT authentication** for secure, role-based access control.

Client Data Management System | *Python, MySQL, Tkinter*

May 2021 – July 2021

- Developed a client data management application using **Python**, **MySQL**, and **Tkinter** to streamline secure client information handling for financial institutions, enabling efficient data entry, retrieval, and reporting.
- Utilized **SQL** to design and manage a database, ensuring data accuracy and security through structured queries, optimizing data integrity and accessibility for improved client service and regulatory compliance.

TECHNICAL SKILLS AND LEADERSHIP

Languages and Web Technology: Java, Python, C/C++, HTML/CSS, JavaScript

Frameworks, Tools, Analytics Libraries: Linux/Unix, MySQL, MongoDB, Express.js, React.js, Node.js, GitHub, Power BI, MS Excel, Pandas, NumPy, Hadoop, AWS, Google Cloud, Spring Boot

Coursework: Data Structures and Algorithms, Programming Concepts (Python), Computer Organisation, Computer Logic and Design (RISC V), Introduction to Web Development

Leadership: Chief of Staff (USF Student Government), **CS Chair** (SASE- Society of Asian Scientists and Engineers)