Tanishq Jain

U.S. Citizen | Duluth, GA, 30097 | tjaincodes44@gmail.com | (470) 455-8990

EDUCATION

Georgia Institute of Technology, Atlanta, GA   *Fall 2024 – May 2025*
Master of Science, Computer Science (part-time)
GPA: 4.00 /4.00

Georgia Institute of Technology, Atlanta, GA   *Spring 2020 – May 2024*
Bachelor of Science, Computer Science
GPA: 3.70/4.00
- **Relevant Coursework**: Intro to Computing, Object Oriented Programming, Discrete Mathematics, Data Structures and Algorithms, Computer Organization, Objects and Design

EXPERIENCE

Humana, Louisville, Kentucky   *August 2022 -Present*
Software Engineer
- Formulated and implemented automated data pipelines using Python and SQL to enhance data processing efficiency and integrity, achieving a reduction in processing time by 30%.
- Developed real-time data ingestion pipelines leveraging Google Cloud Pub/Sub, enabling the processing of hundreds of thousands of events per second
- Collaborated with a cross-functional team of data analysts and product managers to gather and translate business requirements into technical specifications for data solutions, resulting in a 20% improvement in project delivery timelines.
- Engineered intuitive and responsive user interfaces using TypeScript and React, improving in-house exception platform for specific cybersecurity controls and enhanced accessibility across applications
- Led investigations into data discrepancies by employing advanced troubleshooting techniques, resulting in a 40% reduction in data errors and significantly enhancing overall data accuracy across systems
- Implemented stringent security protocols, including identity and access management, following in a measurable 30% decrease in potential vulnerabilities for applications throughout the deployment process.

Humana, Louisville, Kentucky   *May 2022 -August 2022*
Software Engineer Intern
- Created functional prototypes leveraging both Angular and Spring Boot technologies; findings led to resolving key usability issues impacting over 25% of users during beta testing phases prior to final release implementation.
- Analyzed a comprehensive data organization plan within the Clinical Data Mart using SQL and TOAD tools; established protocols reducing data redundancy, improving data integrity for 200+ users across clinical teams
- Contributed to the development of ETL processes using SQL and Python, facilitating the organization of data
- Accelerated data models and relationships that enhanced data retrieval efficiency, achieving 99% test coverage
- Participated in agile team sprints, engaging in scrums and cross-functional collaboration to align project goals.

Virtual Tennis Academy, Suwanee, GA   *January 2020 –December 2020*
Data Analyst Intern
- Delivered technical support for services and events, conducting spreadsheet and budget analyses that optimized resource allocation and reduced costs by 20% for multiple projects.
- Analyzed and visualized large datasets using Salesforce Media Cloud, leading to data-driven marketing and media decisions that improved campaign performance by 25% and increased engagement metrics by 15%

SKILLS

Programming: Python, Java, JavaScript, HTML/CSS, C/C++, MATLAB, React.js
Developer Tools: IntelliJ, Git, Visual Studio Code, PyCharm
Career Interests: Software Engineering, Software Consultant, Project Management

PROJECTS

Certified Nursing Assistant Project | *React, Firebase, Git*   *May 2022 - Present*
- Created a responsive and accessible web application using React.js and Twilio API for nursing trainees
- Incorporated Google Maps API and Firebase to gather list of training centers around specific user location
- Managed full-stack development responsibilities for semester long app development project