




# Aadit Kamat

Gainesville, Florida

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## Summary

Data Analyst with a background in software development and test automation, currently pursuing a Master's degree in Information Systems. Experienced in developing automated cash flow models and enhancing decision-making processes in healthcare projects. Strong skills in market research, consulting, and financial analysis. Seeking to leverage technical expertise to solve real-world business problems.

## Education

### University of Florida

Master of Science in Information Systems and Operations Management

Jan 2023 - Dec 2024

Gainesville, FL

### National University of Singapore

Bachelor of Computing in Computer Science

Aug 2017 - Jun 2021

Singapore

## Work Experience

### Getzler Henrich Associates

Data Analyst Intern

Jun 2024 - Present

Gainesville, FL (Remote)

- Collaborated with senior analysts to gain insight into bespoke 13-week cash flow model development
- Developed a comprehensive data dictionary for a complex cash flow model, improving data consistency and accessibility for the team
- Designed a data engineering pipeline to automate cash flow model creation, reducing manual effort and increasing efficiency

### HappySneeze

Market Research Analyst

Apr 2024 - Present

Gainesville, FL (Remote)

- Conducted secondary research to analyze the market size, structure, and trends in integrative women's health, enabling the company to tailor its marketing strategies effectively
- Developed a competitive landscape map highlighting key players in the urogynecology sector, detailing their offerings, strengths, and weaknesses to inform strategic decision-making
- Identified 3 potential partners and developed an outreach strategy to engage them in initial discussions, leading to new business collaborations

### Visa

Full Stack Software Engineer

Mar 2022 - Sep 2022

Singapore

- Automated data feed to mobile apps demonstrating Visa financial solutions to global client stakeholders through EAP, reducing annual costs by \$25,000 and saving 20 hours/quarter of manual effort for Innovation Centre (IC) developers
- Implemented functional unit tests and ensured compliance with user accessibility requirements for portal initially rolled out to 20-30 developers in IC teams in North America and EMEA
- Developed and documented RESTful APIs with unit tests for Account Based Payment microservices rolled out to over 100,000 users through major Indian banks, handling over 100 transactions per second

### Shopee

Automation Quality Assurance Engineer

May 2021 - Mar 2022

Singapore

- Developed and maintained 100+ test cases for Promotion modules, enhancing user experience for 1 million+ customers
- Collaborated with 10 QA Engineers from other departments to revise the training syllabus, training 50 new QA engineers in test automation skills using tools like Espresso and UiAutomator
- Adopted a systematic testing approach to reduce number of failed and flaky test cases by 25%

## Skills

- **Programming Languages:** Python, Java, JavaScript, R
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Libraries & Frameworks:** React, Next.js, Jest, Bootstrap, TailwindCSS, ChakraUI, Astro, Spring Boot, JUnit, UiAutomator, Flask, Pandas, Numpy, Matplotlib, Seaborn
- **Tools:** VSCode, PyCharm, IntelliJ, Docker, GitHub, Netlify, Jupyter Notebook, Jenkins

## Projects

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### BlueShield

**Apr 2024 - May 2024**

- Executing market research on Major Depressive Disorders and Treatment Resistant Major Depressive Disorders by reviewing clinical literature to inform strategic decision making
- Delivering detailed market analysis and competitor overview to provide clients with insights on business opportunities

### Fan Lab, University of Florida

**Feb 2024 - Apr 2024**

- Extracted 2M+ genetic variants from NIH database, using HPC cluster to run batch jobs for transforming, annotating, and loading data for analysis
- Studying association between variant pathogenicity and protein properties using regression techniques

### Revenue Management Solutions

**May 2023 - Aug 2023**

- Performed exploratory analysis on over 6 thousand records to establish relationships between different key metrics such as sales, advertising, and promotion for restaurant franchisees
- Executed time series decomposition of financial data to determine ideal benchmarking period for mean analysis
- Leveraged Data Envelopment Analysis (DEA) algorithm to benchmark efficiency based on costs and sales, enabling stakeholders to identify underperforming restaurants and enhancing decision making to increase profit margins

## Work Authorization

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- Singaporean citizen; Eligible for the H-1 B-1 Singapore Visa, with a separate quota as per the Singapore-US Free Trade Agreement