ANISH KETHA

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Education

Purdue University – College of Science & Daniels School of Business   West Lafayette, Indiana
Bachelor of Science in Computer Science & Finance, College of Science Dean's List (2021)   *Aug. 2021 – May 2026*

Experience

JPMorgan Chase   **June 2025 – August 2025**
Corporate Summer Analyst - Global Finance & Business Management   *Newark, Delaware*
- Engineered end-to-end data workflows using Alteryx and Python, implementing ETL pipelines that eliminated 4 hours of manual processing daily and accelerated report delivery to support strategic decision-making.
- Collaborated in agile environments to manage software delivery, ensuring adherence to MVP timelines through daily stand-ups and sprint planning.
- Spearheaded the concept, storyboarding, and full-stack build of "Chase Wrapped," an innovative fintech tool that placed 3rd in the JPMorgan Chase Global Hackathon by turning complex financial summaries into digestible, captivating, and interactive narratives.

Ascendion   **June 2023 – August 2023**
Machine Learning Engineer   *Basking Ridge, New Jersey*
- Preprocessed, cleaned, and validated data to train systems that run simulations within a Divestiture Portfolio built with Bootstrap, utilizing C# and React for data retrieval and budget allocation presentation.
- Generated network graphs on Neo4j to uncover asset dependencies in divestiture scenarios.
- Created a Healthcare Chatbot using natural language processing that diagnoses illnesses based on user input (symptoms) and provides potential treatments.

The Coca-Cola Company   **June 2022 – August 2022**
Asset Auditor   *Brooklyn, New York*
- Conducted asset audits on equipment across Staten Island and Brooklyn.
- Produced reports in Excel and PowerPoint to debrief regional managers on trend analysis and asset data, identifying target locations that optimize customer retention.
- Efficiently organized custom route plans for other surveyors to maximize daily asset audits.

Projects

WayFindAR | *Java, TypeScript, Three.js, MindAR.js, Blender* | Demo   **July 2025**
- Built "WayFindAR," a web/mobile AR navigation tool that overlays 3D directions on live camera feeds using TypeScript, Three.js, and Java, which streamlined indoor navigation for large office spaces.
- Integrated LLM Suite to generate intelligent route recommendations, suggest optimal visit times, and provide contextual insights, enhancing user experience through AI-driven personalization.
- Designed an immersive 3D office environment in Blender, led prototyping and pitching, and secured **2nd place** in the firmwide Ignite competition with potential for patenting and productization.

Chase Wrapped | *Java, Spring Boot, React* | Demo   **June 2025**
- Developed "Chase Wrapped," an application using Java, Spring Boot, and React to transform financial summaries into interactive narratives, enhancing user understanding and strategy adoption.
- Utilized detailed storyboarding to foster creativity and streamline the development process, ensuring a cohesive and efficient workflow from concept to execution.
- Presented the product to a panel of judges that effectively communicated the innovative aspects and user benefits of "Chase Wrapped," securing a podium finish in the JPMorgan Chase Global Hackathon.

Automated ERD Grade Prediction Tool | *EasyOCR, Python, Roboflow, YOLOv8*   **December 2024**
- Utilized Roboflow to annotate Entity-Relationship Diagrams (ERDs) and create a dataset for training an object detection model, streamlining the data preparation process.
- Developed and fine-tuned a YOLOv8 object detection model using Google Colab to detect ERD components such as entities and relationships with high precision and recall.
- Implemented Optical Character Recognition using EasyOCR, extracting textual data from ERDs to automate the grading prediction system.

Technical Skills & Certifications

Languages: C, C#, C++, HTML/CSS, Java, JavaScript, Python, R, SQL, Swift
Developer Tools: Alteryx Designer, DevShell, Git, Google Colab, IntelliJ, Microsoft Office Suite, Vim, VS Code
Technologies/Frameworks: AWS Amplify, Bootstrap, EasyOCR, Flask, JUnit, Keras, LINQ, MongoDB, Node.js, Oracle, Pandas, PostgreSQL, React, Roboflow, Spring Boot, TeamCity, TensorFlow, UNIX, WPF, YOLOv8
Certifications: Alteryx Designer Core, Bloomberg Market Concepts (BMC)