

# Sanjeev Kamath

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## EDUCATION

### University of Florida, College of Engineering

MAY 2022 - May 2026

Bachelors of Science in **Computer Science** with Minor in Business Admin

GPA: 3.74/4.0

- Relevant Coursework: Data Structures, Operating Systems, Object Oriented Programming, Algorithm Abstraction

## TECHNICAL SKILLS

Python, C++, Java, Flutter, React Native, Firebase, Shell Scripting, Data Analysis, Cybersecurity, Agile Methodologies

## WORK EXPERIENCE

### ABB - R&D Software Engineering Intern

May 2024 - Aug 2024

- Enhanced security of industrial flow computers by implementing advanced protection measures, resulting in improved communication safety and secure startup processes.
- Developed and tested 10 automation scripts to streamline security operations, including file encryption and protected storage, laying the foundation for comprehensive cybersecurity improvements across the company's product line.
- Led an 8-member intern committee, hosting weekly meetings and spearheading an office-wide trivia event with 50 participants, resulting in improved team engagement and cross-departmental networking.

### Unilever - Corporate Strategy and Technology Intern

May 2024

- Participated in a 2-week immersion program at Unilever's Global Headquarters, gaining exposure to diverse aspects of a multinational corporation's technology operations.
- Conducted in-depth research on the potential integration of enterprise AI tools in consumer goods operations, synthesizing findings into a strategic report for executive leadership.
- Completed intensive training in Agile methodologies, business storytelling, and corporate communication, enhancing skills crucial for navigating complex organizational environments.

### Atmata Film - Full Stack Software Engineer

Mar 2024 - Sep 2024

- Designed and implemented a user authentication system for a film production app, improving account security and streamlining user management for a growing customer base.
- Built a robust backend infrastructure using Flutter and Firebase, enabling real-time data synchronization and laying the foundation for future app scalability.
- Optimized app performance through targeted bug fixes and code improvements, resulting in a 25% reduction in app crashes and enhanced user experience.

## PROJECTS

### Solace Mental Wellness App

- Architected and implemented a full-stack journaling feature using React Native for the frontend and Firebase for real-time data synchronization.
- Integrated Gemini AI API to generate personalized, context-aware journal prompts, enhancing user self-reflection.

### NBA Data Center

- Engineered a high-performance data processing pipeline in C++ to analyze 122,503 rows of NBA shot data.
- Implemented and optimized Merge Sort and Quick Sort algorithms, with Quick Sort outperforming Merge Sort by 15% on large datasets.
- Created a command-line interface, allowing users to interactively query and visualize NBA shooting statistics with real-time updates.

## RESEARCH & LEADERSHIP

### Technology for Occupational Performance Lab - Data Analysis Researcher

Jan 2024 - Aug 2024

- Conducted comparative analysis of sleep data from OURA Ring, WHOOP band, and Garmin watch using Python, processing over 30 nights of sleep to evaluate accuracy and consistency across wearable technologies.
- Spearheaded recruitment for a pilot study by hosting an engaging workshop on sleep, balance, and cognition, successfully enrolling 35 older adults and establishing a foundation for further research.

### Co-founder & Chief Safety Officer - UF Swamp Racing Team

Aug 2023 - Present

- Oversee safety operations for a 30+ member off-road racing team, implementing a comprehensive vehicle maintenance tracking system that contributed to a perfect safety record across all racing events.