

# Anil Ankitha

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Website: <https://ankitha-anil.github.io/ankitha-anil/> GitHub: <https://github.com/ankitha-anil>

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## EDUCATION

- **Nanyang Technological University, Singapore** **Aug 2019 – May 2023 (Expected)**
  - Bachelor of Engineering in Computer Science
  - **GPA:** 4.39 / 5.00 (Honors Distinction)
  - **Relevant Modules:** Software Engineering, Software System Architecture and Design, Net Centric Computing, Databases, Algorithms, Object Oriented Programming, Human Computer Interaction, Data Science and Artificial Intelligence, Advanced Computer Organization and Architecture, Data Structures, Leadership in 21<sup>st</sup> Century.

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## ACADEMIC PROJECTS

- **GoldFolks- Elderly Assistance Application** **Aug 2021 – Present**
  - Initiated and brainstormed Flutter application for assisting elderly including features of stimulating cognitive games and medication reminders.
  - Constructed use case model description from the user requirement document and maintained backlog of the team's obligations using Trello software for maximum productivity and efficiency of software development.
- **Dengue Tracking System** **Jan 2021 – Apr 2021**
  - Lead a team of 5 to develop Flutter-based mobile application using Firebase, and official updates from NEA website using web scraping libraries.
  - Documented Software Requirement Specification and accomplished to execute Software Development Life Cycle process for the application.
  - Adeptly developed an application to alert and ensure safety of Singapore population regarding dengue clusters within 2 km.
- **Code Escape Gaming Application** **Jan 2021 – Apr 2021**
  - Implemented gaming application using Unity to assist students in enhancing their coding skills.
  - Designed layered software architecture, receiving A- for the course.
- **Student Automated Registration System** **Sept 2020 – Nov 2020**
  - Collaborated with team of 5 to develop console-based application using Java
  - Applied Design patterns and met Object Oriented Design Principles (SOLID) resulting in cleaner code, modular functions and beneficial troubleshooting.

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## PERSONAL PROJECTS

- **Balance – Wellbeing Application** **Jun 2021 – Present**
  - Programmed Flutter application with Firebase database with features for tracking meals, finances, physical and mental health.
  - Adapted to apply programming design principles and user-friendly interface.

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## PROFESSIONAL EXPERIENCE

- **Trust Technical Services, Abu Dhabi** **Jun 2020 – Aug 2020**
  - **Android Application Developer (Intern)**
    - Developed COVID-19 Tracker App based in different locations in India.
    - Used Android Studio, Volley Library and REST API for retrieving real time COVID updates from initial JSON format

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## LEADERSHIP AND CO-CURRICULAR ACTIVITIES

- **NTU Open-Source Society**

**Aug 2021 – Present**

- **Technical Director, TGIFHacks**
- Prepared and delivered technical workshop of Flutter Application Development.
- Liaised with external companies to conduct workshops for audience of 50 NTUOSS members.

- **NTU Student Union, Communication Division**

**Jan 2021 – Present**

- **Publicity Officer, Design and Videography Division**
- Creative control for NTUSU initiatives including editing videos for committees under NTUSU, designing NTUSU's Ussociate guide and social media posts.

- **Nanyang Arts Ensemble**

**Aug 2020 – Present**

- **Artistic and Logistics Officer**
- Conducted and organized various workshops preparing different crafts for audience of 35 individuals per workshop.
- Administered procurement of materials, workshop structure and booking venues.

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## ACHIEVEMENTS

- **Nanyang Technological University, Singapore**

**Aug 2019 – Present**

- Awarded the NTU Science and Engineering Undergraduate Scholarship for outstanding academic performance.

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## SKILLS AND INTERESTS

- **Programming:** Dart, Python, Java, C++, C, HTML/CSS, JavaScript, MySQL
- **Tools:** Flutter, Android Studio, Bootstrap, Visual Studio Code, Figma, Adobe XD, Git
- **Interests:** Dance, Music (Guitar and Vocal), Digital Painting, UI Design