

Pulapakula Aparna Sai

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iOS Developer with 2.8+ years of experience in building scalable mobile applications using Swift, UIKit, and SwiftUI. Experienced in MVVM architecture, API integration, and performance optimization. Passionate about delivering high-quality user experiences and continuously improving app performance.

Technical Skills:

- **Languages:** Swift
- **iOS :** UIKit, SwiftUI, Core Data, SwiftData
- **Networking:** REST APIs, URLSession, JSON, Combine
- **Architecture:** MVVM
- **Tools :** Xcode, Git, JIRA
- **Concepts:** Auto Layout, GCD, Concurrency, App Lifecycle
- Additional:** Data structures, Object-Oriented Programming (OOPS)

Professional Experience:

iOS Developer

Tata Consultancy Service (TCS), Hyderabad: Aug 2023–Present

- Developed and integrated multiple UI screens using **Swift, UIKit, and SwiftUI**, improving user experience
- Implemented **REST API integration** and handled JSON parsing for dynamic data rendering
- Identified and fixed **production-level bugs**, improving app stability and reducing crash issues
- Designed responsive UI using **Auto Layout**, ensuring compatibility across devices
- Followed **MVVM architecture** to maintain clean and scalable code
- Collaborated with cross-functional teams to deliver features within deadlines

C++ Developer

Zen Technologies, Hyderabad: Feb 2023– Aug 2023

- worked as C++ developer intern to learn and develop a defence vehicle simulator using Unreal engine

Project Details:

ICICI Bank Mobile Application: Tata Consultancy Service

- Contributed to development and maintenance of banking app features
- Improved UI performance and handled bug fixes based on production feedback
- Worked on API integration and ensured secure data handling

DTS simulator: Zen Technologies

- As a part internship program **worked as C++ developer** to develop a simulation of a defence vehicle simulator
- By using Unreal Engine editor and C++ language, simulated a driving vehicle with desired functionality

Heart Disease Predication Model:

- Developed a predictive model using machine learning algorithms in Python to assess the likelihood of heart disease based on health parameters from a large medical dataset.

Education Details:

Bachelor of Technology (B.Tech)- Computer Science and Engineering

Jawaharlal Nehru technological University Kakinada (JNTUK), 2023

- CGPA: 8.3

Education (XI-XII) – Vidhya Vikas Junior college, 2017 - 2019

- CGPA: 10

Participation and Certifications:

- iOS & Swift - The Complete iOS App Development Bootcamp: Udemy
- Ethical hacking certification: NPTEL
- Machine learning online certification: Great learning