

SANTHOSH KUMAR SAVVANA

8106809612 | santhoshsavvana@gmail.com | www.linkedin.com/in/santhosh-kumar-savvana

Detail-oriented software engineer with experience in iOS app development using swift, Core Data, and Core Graphics. Proven ability to design and implement scalable, high-performance mobile applications with design sensibility and visual proficiency. Passionate about coding and applying problem solving skills to address technical challenges. Skilled in translating business needs into technical solutions with strong analytical and problem-solving capabilities. Open to new technologies and domains to align with business requirements.

PROFESSIONAL EXPERIENCE

Efftronics Systems Private Limited, Mangalagiri

2023 – 2024

Software Engineer – iOS Developer

- Contributed to a project focused on developing iOS applications using Swift and Core Data to collect and manage data for maintaining Indian Railway product maintenance.
- Diagnosed and resolved a significant memory leak issue that caused system crash and reduce performance. The fix improved app stability, reducing crashes and enhancing overall system performance by 30%.
- Collaborated closely with cross-functional team to meet project milestones and deliverables on time.
- Technologies used – Swift, Core Data, SQLite, Core Graphics, Core Animations, UIKit.

PROJECTS

Nirdesh – RTWMS (Real Time Workflow Management System) :

Technologies: Swift, UIKit, Core Data, Core Graphics

- Developed and integrated graphs and Dashboards focusing on real-time data visualization, improving the application's ability to monitor effectively. Implemented Core Data for efficient local data storage and retrieval, optimizing data management processes.
- Utilized Core Graphics to draw custom UI components and achieve complex visual designs. Designed and implemented new user interfaces for alert management, enhancing user interaction and response times.

Visitors Management:

Technologies: Swift, UIKit, Core Data.

- Developed a standalone application that manages users in an organization at various levels (admins, visitors), Utilized Core Data as the key framework for CRUD operations.

Graphs Application for money utilization:

Technologies: Swift, UIKit, Core Data, Core Graphics

- Developed a standalone application that provides visual representation for user's financial data to assist users in managing their finances.

EDUCATION

Aditya Institute of Technology and Management, Tekkali

2020-2023

Course: Computer Science and Engineering, 7.54

Government Polytechnic College, Srikakulam

2017-2020

Course: Computer Engineering, 79.08%

SKILLS & OTHER

- Languages & Frameworks:** Swift, Java, HTML, CSS
- Databases:** Core Data, SQLite, MySQL
- Tools:** Xcode, Git, Eclipse IDE
- Mobile Development:** UIKit, Core Graphics, Core Animations, MVC, JSON, Core location, cocoa pods

CERTIFICATIONS & TRAININGS

- Java Full Stack Certification:**
Completed Java full stack development training, gaining proficiency in Java, and related technologies.
- Swift Certification:**
Completed swift certification training and gained proficiency in Swift programming concepts.