

# ADITH SENTHIL KUMAR

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## EDUCATION

**Bachelor of Engineering, Computer Science**  
St. Joseph's Institute of Technology  
Relevant Coursework: Data Structures, Algorithms, Database Management Systems.

Expected 2026

**Higher Secondary Education**  
St. John's Public School, Chennai

August 2022

## SKILLS

Language	C, Dart, Python
Development	Flutter, Figma
Database	SQL, Firebase
DevOps tools	Git, GitHub

## WORK EXPERIENCE

**Mobile Application Developer**  
CORNERSTONE ENGINEERING SOLUTIONS

- Developed backend logic and user authentication using Firebase Authentication for role-based access.
- Utilized Firebase Realtime Database for real-time bus tracking and route management.
- Implemented BLoC pattern for state management to ensure scalable architecture.
- Optimized API integration for minimal latency in live bus tracking data.

## PROJECTS

**BusBuddy**  
Technologies: Dart, Flutter, Firebase

- Developed a mobile app to streamline the college bus system using Flutter and Firebase.
- Implemented role-based access for Admin, Bus Users, and Bus Drivers/Helpers.
- Integrated real-time bus tracking and route management with Firebase.

**Lotus App – Tenant and Room Management**  
Technologies: Flutter, Dart, Firebase, CSV Export

- Developed a Flutter app for efficient tenant and room management with features like tenant/room assignment, search functionality, and dark mode support.
- Enabled CSV export for tenant data and created an EB page to track electricity readings.
- Designed a user-friendly interface with seamless theme switching for light and dark modes.

**Inficart**  
Tools: Figma

- Designed a UI for optimizing online shopping experiences, including browsing, cart management, and checkout.

## CERTIFICATES

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| Networking Basics, Cisco               | JAN 2025 |
| Introduction to Git and GitHub, Google | SEP 2024 |