# SANJAYA S SHETTY

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## EDUCATION

● **N.M.A.M. Institute of Technology, Nitte**                                                                    2019-2023

BE in Electrical and Electronics Engineering

CGPA – 7.49

## EXPERIENCE

**Junior Software Engineer | Technomers**                                                         OCT 2023 - PRESENT

- Integrated third-party APIs and Firebase services, such as authentication and Firebase Cloud Messaging (for push notifications).
- Developed reusable UI components and Flutter widgets that could be easily adapted and scaled across multiple sections of the application.
- Ensured that the application's business logic, data handling, and presentation layers were clearly separated by adopting the Clean Architecture pattern. This approach allowed for easier debugging, testing, and scaling as the app grew in complexity.
- Integrated UPI (Unified Payments Interface) payment capabilities within the application, allowing users to perform secure and fast transactions directly from the app.
- Implemented Cubit and Bloc state management solutions to organize application logic and efficiently manage the app's state across complex features.

**Intern | PLM INDISHTECH**                                                                              FEB 2023 – MAY 2023

- Integral member of the cloud-based Teamcenter development team, focused on enhancing software functionality.
- Proficient in batch scripting, automating tasks to enhance productivity and workflow efficiency.

## Projects

**Flutter TDD and CI/CD pipeline with GitHub Actions**                                        MAY 2024 – JUNE 2024

- **Implemented Test-Driven Development (TDD):** Developed Flutter applications using TDD principles to ensure high code quality and maintainability, focusing on robust unit, widget, and integration testing.
- **Automated CI/CD Pipeline:** Designed and configured GitHub Actions workflows for continuous integration (CI) to automate testing, code analysis, and linting. Utilized Firebase Cloud Storage for managing and streaming media files.
- **Streamlined Deployment:** Set up continuous delivery (CD) to automate the release process, generating production-ready builds for Android and iOS with versioning and artifact management.

## SKILLS

- Programming Languages - Dart, JavaScript, Python
- Mobile Development - Flutter, Dart
- Web Development - ReactJs, HTML, CSS
- State Management - Cubit, Bloc, React-Redux-Toolkit
- Backend - RESTful APIs, Firebase, GraphQL.
- Tools & IDE -  Android Studio, Visual Studio Code, Postmen