

# Mohanasundharam S

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## Education

**PSNA College of Engineering & Technology**  
B.E Electronics and communication engineering

Expected graduation date: Jun. 2025  
**CGPA: 7/10**

## Experience

### Ministry of ayush

April. 2023 - Present

#### Software Engineering Intern

*Flutter, Third-Party lib's, MongoDB, Git, GitHub*

- Developed a cross-platform Mobile Application on Flutter with professional clean architecture, Restful-API, MongoDB, Git/GitHub workflow, and third-party libs like flutterBluePlus, etc.
- Integrated a smartwatch with the mobile application through Bluetooth connectivity and conducted integration testing. Additionally, the mobile app has various features, including Ayush, exercise recommendations, diet recommendations, and the ability to display health data from the smartwatch.

### Peace Music Startup

Mar. 2023 - May. 2023

#### Software Engineering Intern

*Flutter, Firebase*

- Developed music app and sport biting app with the statement.
- Displayed music in mobile interfaces of 200+ with seamless user experience and created sport sport-biting interface.

## Projects

### E-commerce Platform

March. 2024 - Ongoing

#### Containerized E-commerce: Spring Boot API

*Spring boot, Docker Compose, PostgreSQL, Git, GitHub*

- Developing a full-fledged e-commerce platform using Spring Boot for the backend API and Docker Compose for containerization.
- This project encompasses user authentication, product management, shopping cart functionality, order processing, and seamless payment integration.

### SpotSong

July. 2023

#### SpotSong project to download personal song with Spotify playlist

*java, Git, GitHub*

- Developed a personal song Downloaded project on Java with build tools, third-party libraries, and Spotify API.
- SpotSong enables users to download their songs from their Spotify playlists.

### TaskGo

Nov. 2022

#### TaskGo to schedule personal task with priority mode

*Flutter, Git, GitHub*

- Developed a mobile app for managing tasks in a priority manner help of notifications and alarms as well as a seamless user experience.

## Leadership and Achievements

- Served as Flutter Lead, organized Flutter workshops and events at Google Developer Students Club.
- Finalist Among 500 Teams across India, Smart India Hackathon (2023)
- 3rd Place Among 250 Teams across TamilNadu, Nasa Space App Challenges (2022)

## Skills

### Languages, Technologies & Tools:

Java, Spring Boot, Dart, Flutter Framework, Linux, Docker, SQL, Git and GitHub