

AMIT ANAND

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EDUCATION

National Institute of Technology, Jalandhar
Bachelor of Instrumentation and Control Engineering

Jalandhar, India
Jun 2019 - May 2023

EXPERIENCE

Bugsmirror
Member of Technical Staff (MTS) Intern

Indore, MP
Jan 2023 - Present

- **GO Language and Answer Sheet API Development:**
 - ✓ Developed an Answer Sheet API for teachers to manage student submissions.
 - ✓ Designed user-friendly interface with sorting/filtering, updating, and deleting capabilities.
 - ✓ Implemented permission and error handling features for improved functionality and reliability.
- **UI/UX Design with Adobe XD:**
 - ✓ Gained experience creating visually appealing web and app user experiences with Adobe XD.
 - ✓ Created numerous artboards with advanced functionalities using components and prototyping.
 - ✓ Developed skills in designing a working website/application or user experience using Adobe XD.
- **Flutter Framework Development:**
 - ✓ Learned and applied Flutter framework to Chat GPT clone, Google Form clone, and location-connecting website.
 - ✓ Maintained and updated codebase through platforms like GitHub, Source Cloud, Google Cloud, and Firebase.
 - ✓ Customized video player package for website, resolving scrolling issues and improving overall design.

PROJECTS

Smart Waste Management Systems:

- ✓ Smart Waste Management System using IoT sensors to collect real-time data from dustbins and send it to the application for monitoring the fill-level status
- ✓ The system displays the real-time status of the dustbins and provides optimized routes for garbage collection.

Online Jewellery Shop:

- ✓ A fully functionally e-commerce Website can find all favorite collections of Jewellery online.
- ✓ You working preview of app is hosted at [Online Jewellery Shop live preview](#).

Smart Street Lightning System:

- ✓ Proposed a model for modifying street light illumination by using sensor to minimize the electrical energy consumption.
- ✓ Designed the model using LDR IR sensors with Arduino to automate it.

PROGRAMMING SKILLS

Languages: C++, Dart, Python, Java, Golang, MySQL

Technologies: Flutter, Adobe XD, Android Studio, Git

Computer Fundamentals: DSA, OOPs, OS, DBMS, CN

Platforms: Linux, Web, Windows

EXTRA CURRICULAR ACTIVITIES

TTA (Team Technical Affairs): Marketing Coordinator of Technical Fest (Techniti), NITJ

Core Member of Think India NIT Jalandhar