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# Aman Gupta

Email: aman07112006@gmail.com | Phone: 7597759385

[LinkedIn](https://www.linkedin.com/in/aman-gupta-730694323/)| [GitHub](https://github.com/Aman071106)| [LeetCode](https://leetcode.com/u/aman_071106/)| [Codeforce](https://codeforces.com/profile/AmanGuptacd)

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## Objective

A highly motivated and detail-oriented B.Tech student specializing in Computer Science and Engineering at IIT Mandi. Proficient in multiple programming languages and tools, with a strong foundation in app development and competitive programming. Adept at building innovative solutions like Vehicle Telemetry Systems and Institute Apps, leveraging frameworks like Flutter, Firebase, and Jetpack Compose. Seeking opportunities to contribute my technical expertise and creativity in dynamic environments.

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## Education

Bachelor of Technology in Computer Science and Engineering

Indian Institute of Technology (IIT) Mandi

Expected Graduation: 2028

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## Skills

Programming Languages:

- C++, Python, Kotlin, Dart,

Tools:

- VS Code, Android Studio, Figma, MATLAB, Anaconda,

Frameworks and APIs:

- JSONBin Database, Firebase, Flutter, Jetpack Compose, MVVM,,Hilt

- Weather API, Shared Preferences API

-GoogleMapAPI

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## Projects

Major Projects:

- Vehicle Telemetry System (VTS): Developing a real-time telemetry system for electric vehicles, integrating Firebase for cloud storage and Kotlin for app development. Implemented dynamic widgets and a responsive landscape-oriented UI.

- Insti App - Uhllink: Workin on a campus-focused app to enhance student engagement, featuring navigation and real-time updates.

Minor Projects:

- Weather App: Displays real-time weather updates using a weather API.

- Quotes App: Provides inspirational quotes with a user-friendly interface.

- Tweetsy App: A lightweight app for Twitter trends and analysis.

- BMI Calculator App: Calculates Body Mass Index with dynamic user inputs.

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## Achievements

- Codeforces: Achieved a rating of 1243, showcasing competitive programming skills.

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