

# Aditya Shinde

+91 7972873499 | [adityakrishnatshinde@gmail.com](mailto:adityakrishnatshinde@gmail.com) | [linkedin.com/in/aditya-shinde45](https://www.linkedin.com/in/aditya-shinde45) | <https://github.com/ideabliss>

## Summary

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Passionate and results-driven Computer Science student with a solid foundation in full-stack development, mobile app development using Flutter, and IoT-based systems. Proven ability to build real-world applications that solve practical problems, demonstrated through multiple successful projects and hackathon achievements. Strong team player with a creative mindset, excellent problem-solving skills, and a keen interest in AI, design, and innovative technologies.

## EDUCATION

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MIT ADT University <i>Pune Maharashtra</i> B-Tech in Computer Science	<i>Jul 2024 – Currently pursuing</i>
Lovely Professional University Jalandhar Punjab Diploma in Computer Science	<i>Aug 2022 - Jun 2024</i> 8.04 CGPA

## SKILLS

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**Programming Languages:** Python, C, Java, PHP, Dart  
**Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, WordPress, Moodle  
**Mobile Development:** Flutter  
**Database & Backend:** Firebase, SQL  
**IoT & Embedded Systems:** Arduino, IoT  
**Design & UI/UX:** UI/UX Designing, Graphic Design

## INTERNSHIP (Industrial Training)

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Proazure Solution PVT.LTD	Jun 2023-Jul 2023
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## PROJECTS

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<b>Gen Scheduler – Production Scheduling System</b>	April 2025
<ul style="list-style-type: none"><li>"Gen Scheduler" is a smart production scheduling system that uses AI-driven demand forecasting to optimize manufacturing plans based on real-time sales data.</li></ul>	

- Built using React.js, Node.js, and Firebase, the system integrates Gemini AI for forecasting and displays dynamic Gantt charts for intuitive production planning.
- This end-to-end solution enhances operational efficiency by providing real-time insights, predictive analytics, and automated schedule generation.

#### **PostureXpert: AI-Powered Posture Detection and Alert Device**

March 2025

- The PostureXpert system combines a hardware device and a mobile app developed using Flutter to continuously monitor and detect the user's posture. The system uses advanced sensors to measure back angles and sends real-time data to the app, which analyzes posture quality using AI algorithms.
- The PostureXpert app provides real-time feedback on posture quality, categorizing it as good, moderate, or poor. In case of poor posture, the system sends immediate alerts to the user to encourage corrective action, promoting better health and reducing strain-related issues.

#### **AgroPath Android Application**

Nov 2024

- The "AgroPath Android Application" serves as a digital marketplace where farmers can list and sell their crops directly to consumers, fostering a transparent and efficient agricultural supply chain.
- The app provides features such as crop listing, secure payment options, real-time communication between farmers and buyers, and location-based services to connect local producers with consumers.

#### **Mini Projects**

- BMI Calculator App
- Whats app clone
- Help – Hour (home services booking website )
- Jarvis Ai
- Face detection door lock using esp cam-32
- Deployable Speed Breaker

#### **MOOC Certification**

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- Introduction to Relational Databases (RDBMS)  
(<https://www.coursera.org/account/accomplishments/verify/MQKZPXYBYSG2>)
- The Bits and Bytes of Computer Networking  
(<https://www.coursera.org/account/accomplishments/verify/RUPEHV6AE8ZS>)
- Mastering Data Structures & Algorithms using C and C++  
(<https://www.udemy.com/certificate/UC-54986486-3007-414c-82e5-b2fc5364977d/>)

## ACHIEVEMENTS

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- Received a paid Live Project offer from Foodibles PvtLtd
- Innoteck Lpu 2024 3<sup>rd</sup> place
- Code Bits 3.0 Hackathon 4<sup>th</sup> Place

## INTEREST

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Photography & editing, Video editing ,Designing

## VOLUNTEER EXPERIENCE

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NSS, Core Member of AniCos lpu, Unyc Lpu (Graphic Designer).