

Yashaj Gupta

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EDUCATION

- Jabalpur Engineering College** Jabalpur, India
 - Bachelor of Technology - Electronics and Telecommunication Engineering; GPA: 6.5* *July 2023 - June 2027*

SKILLS SUMMARY

- Languages:** C, C++, QML, Embedded C, HTML, CSS, SQL, R, Python
- Skills:** Embedded Systems, IoT, Data Structures and Algorithms, Software Development
- Frameworks:** QT(Widgets & QML), TensorFlow, OpenCV
- Tools:** Docker, GIT, Qt-SQL, MySQL, SQLite
- Platforms:** Arduino, STM-32, ESP-32, Raspberry, Linux, Windows-OS
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- Gradnary** Remote
 - Founder's Associate Intern* *Dec 2024 - Feb 2025*
 - Content Creation - SEO::** Researching and implementing SEO and creating a Wikipedia page for the company
 - Data Collection - Organization::** Creating a school encyclopedia by gathering and structuring relevant data.
 - Collaboration & Coordination::** Managing and prioritizing multiple responsibilities in a startup environment.

PROJECTS

- Task Manager Application – Qt & C++:**
 - Built UI with QML:** Designed a clean, responsive interface using Qt Quick Controls 2
 - C++ Backend Integration:** Used Qt C++ models and controllers for task management logic
 - Persistence Layer:** Implemented SQLite database with Qt SQL module
 - Cloud Sync (Planned):** Designed REST API integration architecture for syncing tasks

PUBLICATIONS

- * **Book: Deep Learning on Web (Web Development, Deep Learning):** Work in Progress book to be published by Packt Publishing in late 2019. Tech: Django, Python, AWS, GCP, Azure (November '18)
- * **Book: Deep Learning on Mobile Devices (Flutter App Development, Deep Learning):** Work in Progress book to be published by Packt Publishing in late 2019. Tech: Flutter, Android, Firebase, TensorFlow, Python, Dart (December '18)

CERTIFICATES

- 50 Days to C++ : From Zero to becoming a Pro Developer**
- Introduction to C++ : by Coding Ninjas**
- QT 6 Core with C++**

VOLUNTEER EXPERIENCE

- Volunteer to help Training and Placement Officer** JEC, India
 - Helped TPO to manage, conduct and plan all events* *Dec 2023 - Present*