|  | **Kaushik Gupta**  Enrollment No.: BT23EEE093  Electrical and Electronics Engineering  Visvesvaraya National Institute of Technology, Nagpur | | 6-07-2005 | | --- | | +91-7240453235 | | [Linkedin profile](https://www.linkedin.com/in/kaushikgupta5/) | | [GitHub profile](https://github.com/Kaushikmak) | | [kaushikmak35@gmail.com](mailto:kaushikmak35@gmail.com) | | [Portfolio Website](http://kaushikmak.icu) | |
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**EDUCATION**

| **Degree/Course** | **Institute /Board** | **CGPA/Percentage** | **Year** |
| --- | --- | --- | --- |
| B.Tech. EEE | Visvesvaraya National Institute of Technology, Nagpur | 7.31 (Current) | 2027 |
| CLASS XII | Tagore International School | 89% | 2022 |
| CLASS X | St. Xavier’s | 87% | 2020 |

**PROJECTS**

**Room Chat Platform** ** [Room-chat](https://github.com/Kaushikmak/Room-chat)  [Live Project](https://kaushikmak.pythonanywhere.com/)

Built a dynamic discussion platform using Django framework, enabling users to create and participate in topic-based chat rooms. Implemented user authentication, real-time messaging, and activity tracking features.

* *Developed full backend functionality using Django, including user authentication and database models.*
* *Designed responsive UI/UX with AI-assisted tools for modern frontend implementation.*
* *Implemented core features like room creation, topic filtering, and real-time messaging; deployed securely on PythonAnywhere.*

**CircuitVision** ** [Circuit-Vision](https://github.com/Kaushikmak/CircuitVision)

Developed a MATLAB-based application for classifying electrical circuit components using image processing and deep learning techniques (CNNs). Designed for ease of use and educational purposes in electronics and computer vision.

* *Built a MATLAB App Designer GUI integrating a CNN for classifying circuit components from imported or webcam-captured images.*
* *Added preprocessing (resizing, binarization), CNN layer visualization, and live preview for real-time interaction.*
* *Trained the model on custom datasets with modular, well-documented code hosted on GitHub for scalability.*

**MentorMate** ** [mentorMate](https://github.com/Kaushikmak/mentormate)

I developed MentorMate, a cross-platform app for Android and iOS using Flutter and Firebase. The app provides campus maps, personalized schedules, club information and secure login, creating a holistic resource for students.

* *Developed a cross-platform Flutter app with Firebase backend for user auth, real-time data, and secure login/registration.*
* *Integrated Google Maps for campus navigation and built personalized schedule features for students.*
* *Used provider for scalable state management and implemented caching for efficient data access.*

**TECHNICAL SKILLS**

**Languages:** Python, C/C++, Dart (Flutter)

**Developer Tools:** Django, Flutter, Git, VSCode

**Cloud/Databases:** Firebase, SQLite, PythonAnywhere, GitHub

**Coursework:** Data structures and algorithms

**Areas of Interest:** Mobile development, Computer Architecture, System Design, Backend Development, Compiler Design, Electronics & Embedded systems

**EXTRA CO-CURRICULAR**

* Electronics and Robotics: Building side projects and exploring robotics concepts.

