

# Amey Kulkarni

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Portfolio : <https://ameykulkarni.onrender.com/portfolio/>



## Education

Institute	Program	CGPA / %	Year
Pune Institute of Computer Technology	BE (Computer Engineering)	9.30 / 10	2022 - 2026
Arham College	HSC	83.33 %	2020 - 2022
The Bishop's School, Camp	ICSE	93.4 %	2008 - 2020

## Project Work

### Price Pulse (2023)

Developed 'Price Pulse,' a sophisticated web application utilizing ML algorithms such as **Random Forest** and **Flask** backend architecture. This project, crafted during the PISB Hackathon (**ML Domain**), accurately predicts rental and housing prices in Pune. By integrating advanced web scraping techniques and **Flutter App**, 'Price Pulse' provides real-time insights into the dynamic housing market, aiding users in making informed decisions for property rentals and investments.

View Project : <https://ameykulkarni.onrender.com/price-pulse/>

### Scalp Smart (2024)

Scalp Smart utilizes AI and computer vision to predict baldness stages accurately from user-uploaded images, while also offering personalized product recommendations. Its AI-powered chatbot provides real-time assistance for hair care queries. Accessible via website and app platforms built with Flutter, Scalp Smart combines advanced technology for effective hair health management. Our App is also live on Google Play Store.

View Project : <https://scalpsmart.onrender.com/>

### Mental Health Support Platform (2024)

Local Shrinks offers both a **Flutter** mobile app and a web application, providing seamless access to its innovative mental health support system across multiple platforms. With features like **personalized chatbots**, mood tracking, and **DSM-5** Questionnaire integration, users can conveniently manage their mental wellness journey. Additionally, the platform facilitates connections to therapists and generates comprehensive **progress reports** for effective monitoring and support.

### DELD Virtual Lab (2024)

We pioneered the creation of a **Digital Electronics Virtual Lab** (DELD) for our college, **PICT**, revolutionizing the learning experience for students. Our lab simulates a comprehensive array of digital electronics experiments, enabling students to conduct practical exercises virtually, eliminating the need for physical kits. By **replacing costly software** with our innovative platform, we have democratized access to practical learning, empowering students to deepen their understanding of digital electronics concepts in a cost-effective and immersive manner.

This project was undertaken during my **inhouse internship at PICT**.

## Technical Skills

**Languages** : C++, Java, Dart, HTML, CSS, Javascript, Python, SQL,  
**Frameworks** : Flutter, Flask, Django, Provider, Bloc, GetX, RestAPI, FastAPI  
**Database** : MySQL, SQL, Firebase, Supabase  
**Tools** : Postman, Git,Github, Jupyter, Vs Code, PyCharm, Android Studio,

## Achievements , Certifications and Activities

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- ❖ **TechFiesta International Hackathon Runner Up** - Awarded as the first runner up in ML Domain for our project Local Shrinks a Mental Health Support Platform
- ❖ **Second Runner Up** in Impetus by **PICT** for our project Scalp Smart, a hairloss detection and haircare Platform in **ML Domain**.
- ❖ **Winners in PISB Internal Hackathon** for Price Pulse, a Rent and House Price Prediction Platform for Residents in Pune.
- ❖ Completed **Flutter bootcamp Course** at Udemy by **Dr. Angela Yu** and Supported by **Google**.
- ❖ **Winner at Web n App** Event held by PICT ACM Student Chapter at **Pulzion 2023**.