

# Dhanshree Patangrao

## Software Engineer

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### Education

#### Vidyalankar Institute Of Technology

Bachelor of Engineering in Computer Engineering; CGPA: 9.5/10

Wadala, Maharashtra, India

Jan 2021 - Jun 2023

#### Government Polytechnic Mumbai

Diploma in Computer Engineering; Percentage – 90.50/100%

Bandra, Maharashtra, India

Aug 2017 – Nov 2020

### Work Experience

#### Cere Labs Pvt. Ltd

Software Developer

Mumbai (India)-Full Time

Jun'23 - Present

- Developing a **billing platform** in Python and establishing FastAPIs for seamless integration. Integrating these APIs into a Spring Boot
- Worked on **Image Processing, Json, Html parsing** and its conversions. Learned all about Fast Api Integration, RabbitMQ

#### Crimson Insights

Android Developer Intern

Punjab (India)-Remote

Feb'23 – Apr'23

- Built a new app with **Gson Library and API integration**.
- Worked on **UI design** for their existing app, analyzing and creating new features.

#### Vkonex AI

Software Development Engineer Intern

Mumbai (India)-Remote

Oct'21 - Feb'22

- Built a mobile application for a professional job platform with **5+ sections**, maintaining all user security.
- Created a user-friendly UI using **Java and Firebase** in **Android Studio**, designing the UI in **XML**, successfully deploying and updating its monthly on the [Play Store](#).

### Projects

#### SafeChat | [Github](#)

- SafeChat offers a secure platform for confidential communication among government employees with **end-to-end encryption and multi-language support**. It mitigates the risks of data breaches and leaks and eliminates language barriers, making communication seamless and efficient.
- Tech Stack: **Adhar API integration, Multifactor authentication, Android- Java, AES, MD5, Cloud messaging, Firebase, IPFS and Filecoin.**

#### Parkify | [Github](#)

- Smart parking system which detects vehicles and smartly allots available parking slot using **deep learning** model like **CNN** and **YoloV5**. User can book and search those nearby parking slots to avoid non parking and traffic problems.
- Tech Stack: **Django-Python, Postgres, OpenCv, YoloV5, HTML, CSS, Stripe Payment Gateway**

#### Chalaan App | [Github](#)

- RTO based system, useful at both sides user and police with verification of **documents, e-chalaan facilities** etc. Using **java** and **firebase-ML kit**
- Tech Stack: **Android – Java, Firebase, ML Kit, OCR Technology, Realtime Database**

### Accomplishments

- AccioWars Competitive Coding Competition:** Ranked **1775** globally among 11,000+ participants in July 2022.
- Uxplore IIT BHU:** Ranked First Runner-up. We re-designed HappyMind App
- EESA VIT:** Secured the First Runner-up position out of **30 teams** by developing a **Face Recognition** Based Attendance system using **OpenCV** and **Python**.
- Leetcode:** Solved **500+** coding questions.

### Position of responsibility

#### Core Android Developer @GDSC VIT

- Participated in **GDSC Android Competition**. Work on **Kotlin, Room database, XML**

#### Women Empowerment Head @CESA GPM

- Addressed women queries and provide support. Conducted meetings and sessions with head of department and faculties.

### Technical Skills

Languages: **Python, Java, Dart, Kotlin**

Frameworks: **Django, Flutter, Spring Boot**

Libraries: **Numpy, Pandas, Matplotlib, Gson, Retrofit.**

Databases: **MongoDB, MySQL, Firebase, Postgres, AWS, Azure**

Designing: **Figma, AdobeXD, Wireframes, Prototyping, Iconography, Typography, Canva.**